


















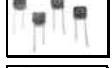






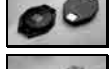





EMC & Inductors

Standard Series

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Remark: Please note that these are our standard parts. Other parts are available on request. Please send your inquiry to the Sales Partner near you or directly to:

SCHMID-MULTITECH GmbH
 T:+49-9403-9510-0
 F:+49-9403-4251
 Email: info@schmid-m.com

Round cable snap ferrite – SMLF Series

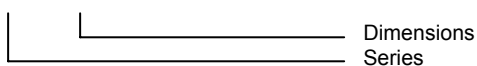


Features

- Dataline Noise Filter is hinged clamp and also has EMI performance
- Internal dimensions from 1.9mm to 35mm radius
- Precision formed smooth surface prevent damage to wire insulation
- Customer designs available

Ordering Information

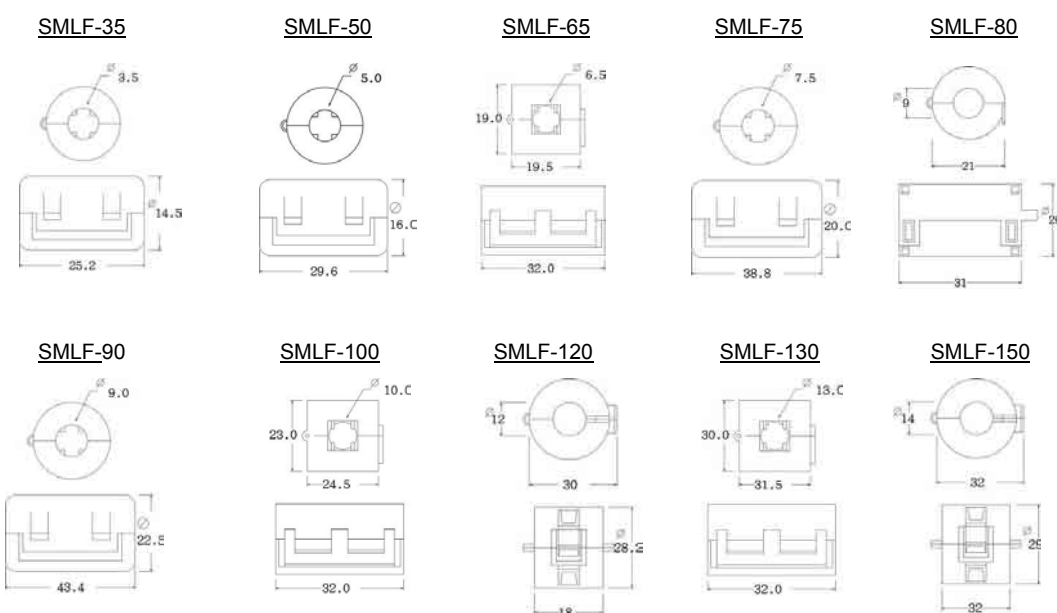
SMLF 65



Characteristics

Part No.	Impedance (Ω)	
	25MHz	100MHz
SMLF-35	80	200
SMLF-50	85	150
SMLF-65	125	275
SMLF-75	130	240
SMLF-80	110	180
SMLF-90	150	270
SMLF-100	150	270
SMLF-120	50	100
SMLF-130	140	300
SMLF-150	30	125

Shapes



Flat Ferrite with Clip – SRPS Series

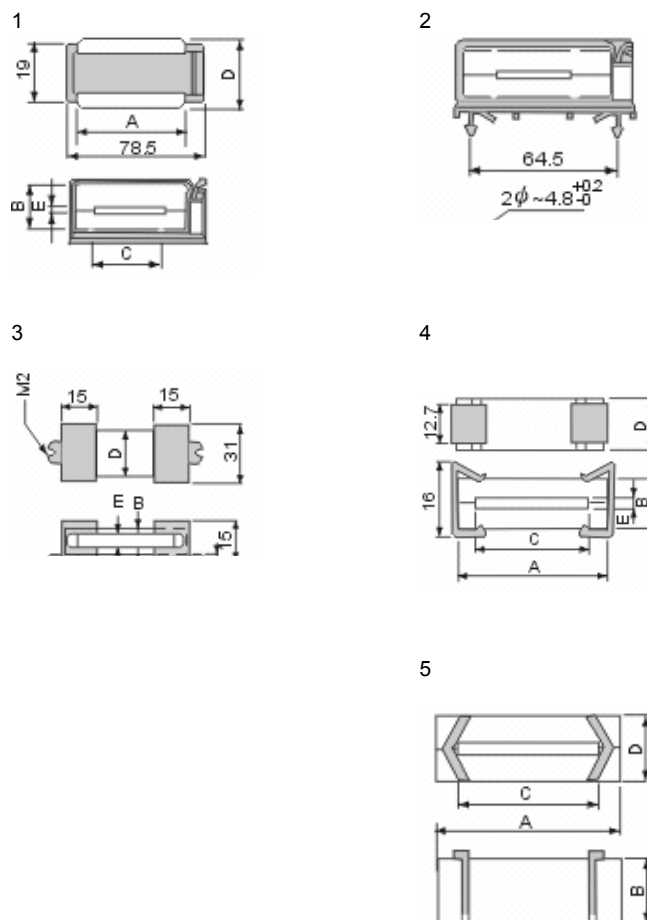
SCHMID-M



Features

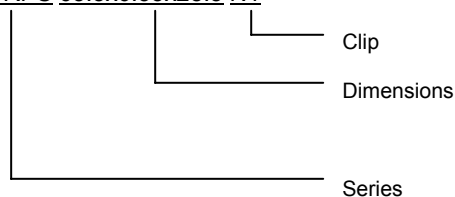
- Precision formed smooth surfaces prevent damage to wire insulation.
- Applications: Cables between pc boards and data connectors, floppy disk and hard cables with series digital signal busses.

Shapes



Ordering Information

SRPS 63.5x6.35x28.5 N1

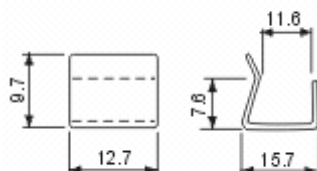


Clip Material

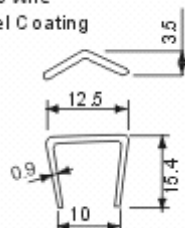
N1, N2, N3: Nylon-66 (UL)

Flame Class: 94V-2

M1: Spring Steel
Nickel Coating



M2: Piano wire
Nickel Coating



Characteristics

Part No.	Fig.	A	B	C	D	E	Curve	Impedance (Ω) min	
								25MHz	100MHz
SRPS38.0x6.35x15.0M2	5	38.0 ± 1.0	12.7 ± 0.5	26.6 ± 0.7	15.0 ± 0.4	1.6 ± 0.4	A	40	115
SRPS38.0x6.35x25.4M1	4	38.0 ± 1.0	12.7 ± 0.5	26.6 ± 0.7	25.4 ± 0.7	1.6 ± 0.4	B	75	140
SRPS45.0x6.35x15.0M2	5	45.0 ± 1.0	12.7 ± 0.5	34.4 ± 0.7	15.0 ± 0.4	1.6 ± 0.4	C	40	90
SRPS45.0x6.35x28.5M1	4	45.0 ± 1.0	12.7 ± 0.5	34.4 ± 0.7	28.5 ± 0.7	1.6 ± 0.4	D	70	140
SRPS45.0x6.35x28.5N3	3	45.0 ± 1.0	12.7 ± 0.5	34.4 ± 0.7	28.5 ± 0.7	1.6 ± 0.4	D	70	140
SRPS55.1x6.35x15.0M2	5	55.1 ± 1.0	12.7 ± 0.5	43.7 ± 1.0	15.0 ± 0.4	1.6 ± 0.4	E	40	105
SRPS55.1x6.35x28.5M1	4	55.1 ± 1.0	12.7 ± 0.5	43.7 ± 1.0	28.5 ± 0.7	1.6 ± 0.4	F	65	140
SRPS55.1x6.35x28.5N3	3	55.1 ± 1.0	12.7 ± 0.5	43.7 ± 1.0	28.5 ± 0.7	1.6 ± 0.4	F	65	140
SRPS63.5x6.35x15.0M2	5	63.5 ± 1.2	12.7 ± 0.5	52.0 ± 1.0	15.0 ± 0.4	1.6 ± 0.4	G	40	95
SRPS63.5x6.35x28.5M1	4	63.5 ± 1.2	12.7 ± 0.5	52.0 ± 1.0	28.5 ± 0.7	1.6 ± 0.4	H	60	150
SRPS63.5x6.35x28.5N1	1	63.5 ± 1.2	12.7 ± 0.5	52.0 ± 1.0	28.5 ± 0.7	1.6 ± 0.4	H	60	150
SRPS63.5x6.35x28.5N2	2	63.5 ± 1.2	12.7 ± 0.5	52.0 ± 1.0	28.5 ± 0.7	1.6 ± 0.4	H	60	150
SRPS63.5x6.35x28.5N3	3	63.5 ± 1.2	12.7 ± 0.5	52.0 ± 1.0	28.5 ± 0.7	1.6 ± 0.4	H	60	150
SRPS76.2x6.35x28.5M1	1	76.2 ± 1.5	12.7 ± 0.5	65.2 ± 1.2	28.5 ± 0.7	1.6 ± 0.4	I	60	190
SRPS76.2x6.35x28.5N3	3	76.2 ± 1.5	12.7 ± 0.5	65.2 ± 1.2	28.5 ± 0.7	1.6 ± 0.4	I	60	190

Flat Ferrite Cores – SRP Series

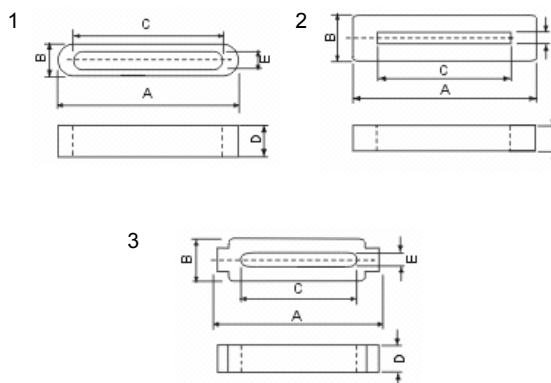
SCHMID-M



Features

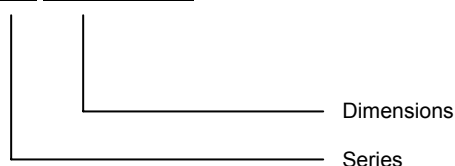
- Slot lengths from 16mm to 60mm. Precision formed smooth surfaces prevent damage to wire insulation
- Applications: Internal floppy disk and harddisk ribbon cables.
Internal ribbon cables between circuit boards and data connectors.
Internal ribbon cables with series digital signal busses

Shapes



Ordering Information

SRP 31.0x5.0x12.0



Characteristics

Shape#3: SRP2877146

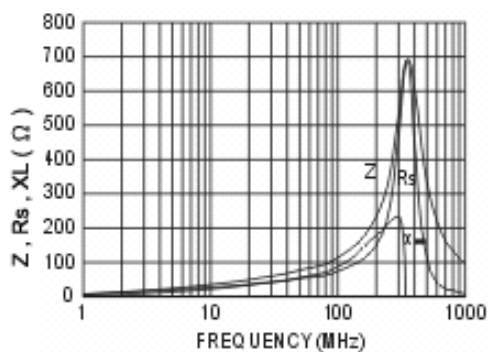
Shape#2: SRP22357751905 / SRP23337 / SRP2356310 / SRP287722 / SRP38112254 / SRP45112510 / SRP451125286

Shape#1: all other parts

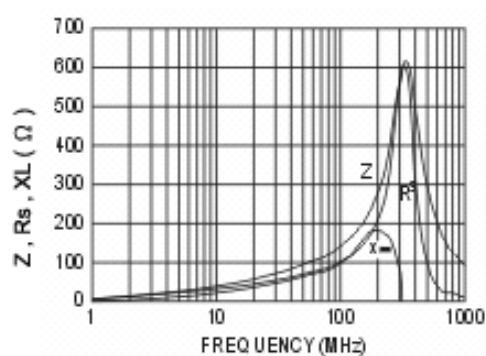
Part No.	Fig.	A	B	C	D	E	Impedance (Ω) min	
							25MHz	100MHz
SRP16.0x5.0x11.5	1	16.0 ± 0.4	5.0 ± 0.3	11.5 ± 0.4	12.0 ± 0.5	0.5 +0.6 -0.1	44	90
SRP16.0x5.0x11.5	2	16.0 ± 0.4	5.0 ± 0.3	11.5 ± 0.4	15.0 ± 0.6	0.5 +0.6 -0.1	50	110
SRP18.0x5.0x8.0	3	18.0 ± 0.4	5.0 ± 0.3	14.0 ± 0.4	8.0 ± 0.4	1.0 ± 0.3	24	55
SRP20.5x3.5x15.0	4	20.5 ± 0.5	3.5 +0.15 -0.25	16.5 ± 0.4	15.0 ± 0.6	0.5 +0.2 -0.15	34	88
SRP22.35x7.75x19.05	5	22.35 ± 0.51	7.75 ± 0.38	14.0 ± 0.25	19.05 ± 0.64	1.5 ± 0.25	68	120
SRP23.3x3.0x7.0	6	23.3 ± 0.7	3.0 ± 0.3	20.0 ± 0.5	7.0 ± 0.4	0.9 ± 0.15	20	60
SRP23.5x6.3x10.0	7	23.5 ± 0.7	6.3 ± 0.5	18.4 ± 0.4	10.0 ± 0.4	1.1 ± 0.3	32	75
SRP25.0x5.0x12.0	8	25.0 ± 0.7	5.0 ± 0.4	21.0 ± 0.5	12.0 ± 0.5	1.1 ± 0.2	27	75
SRP25.0x3.5x15.0	9	25.0 ± 0.8	3.5 +0.15 -0.25	24.0 ± 0.4	15.0 ± 0.6	0.5 +0.2 -0.15	30	88
SRP28.0x6.5x15.0	10	28.0 ± 0.8	6.5 ± 0.5	23.0 ± 0.5	15.0 ± 0.6	1.0 ± 0.3	30	85
SRP28.5x6.5x18.0	11	28.5 ± 0.8	6.5 ± 0.5	23.5 ± 0.5	18.0 ± 0.7	1.0 ± 0.3	40	95
SRP28.0x7.7x14.6	12	28.0 ± 0.8	7.7 ± 0.5	23.0 ± 0.5	14.6 ± 0.4	1.4 ± 0.4	38	85
SRP28.0x7.7x22.0	13	28.0 ± 0.8	7.7 ± 0.5	23.0 ± 0.5	22.0 ± 0.6	1.4 ± 0.4	52	110
SRP28.6x7.7x25.0		28.6 ± 0.85	7.7 ± 0.5	23.6 ± 0.8	25.0 ± 0.8	1.8 ± 0.4	45	95
SRP31.0x5.0x8.0	14	31.0 ± 0.8	5.0 ± 0.4	27.0 ± 0.6	8.0 ± 0.4	0.5 +0.7 -0.1	21	60
SRP31.0x5.0x9.0	15	31.0 ± 0.8	5.0 ± 0.4	27.0 ± 0.6	9.0 ± 0.4	0.5 +0.7 -0.1	25	75
SRP31.0x5.0x12.0	16	31.0 ± 0.8	5.0 ± 0.4	27.0 ± 0.6	12.0 ± 0.5	0.5 +0.7 -0.1	30	85
SRP31.0x5.0x22.0	17	31.0 ± 0.8	5.0 ± 0.4	27.0 ± 0.6	22.0 ± 0.6	0.5 +0.7 -0.1	46	130
SRP33.5x3.5x15.0	18	33.5 ± 0.9	3.5 ± 0.3	27.0 ± 0.6	15.0 ± 0.6	1.4 ± 0.4	21	68
SRP33.5x4.0x12.0	19	33.5 ± 0.9	4.0 +0 -0.2	27.0 ± 0.6	12.0 ± 0.5	1.4 ± 0.4	19	60
SRP33.5x6.5x7.0	20	33.5 ± 0.9	6.5 ± 0.5	27.0 ± 0.6	7.0 ± 0.4	1.4 ± 0.4	20	57
SRP33.5x6.5x8.0	21	33.5 ± 0.9	6.5 ± 0.5	27.0 ± 0.6	8.0 ± 0.4	1.4 ± 0.4	21	60
SRP33.5x6.5x10.0	22	33.5 ± 0.9	6.5 ± 0.5	27.0 ± 0.6	10.0 ± 0.4	1.4 ± 0.4	24	65
SRP33.5x6.5x15.0	23	33.5 ± 0.9	6.5 ± 0.5	27.0 ± 0.6	15.0 ± 0.6	1.4 ± 0.4	32	81
SRP33.5x6.5x22.0	24	33.5 ± 0.9	6.5 ± 0.5	27.0 ± 0.6	22.0 ± 0.6	1.4 ± 0.4	43	95
SRP38.1x12.0x25.4	25	38.1 ± 1.0	12.0 ± 0.6	26.7 ± 0.6	25.4 ± 0.8	1.9 ± 0.4	83	145
SRP40.0x6.5x6.0	26	40.0 ± 1.0	6.5 ± 0.5	35.0 ± 0.7	6.0 ± 0.3	1.4 ± 0.4	16	50
SRP40.0x6.5x12.0	27	40.0 ± 1.0	6.5 ± 0.5	35.0 ± 0.7	12.0 ± 0.5	1.4 ± 0.4	25	72
SRP40.0x6.5x18.0	28	40.0 ± 1.0	6.5 ± 0.5	35.0 ± 0.7	18.0 ± 0.5	1.4 ± 0.4	32	84
SRP40.0x6.5x20.0	29	40.0 ± 1.0	6.5 ± 0.5	35.0 ± 0.7	20.0 ± 0.6	1.4 ± 0.4	35	88
SRP40.0x6.5x22.0	30	40.0 ± 1.0	6.5 ± 0.5	35.0 ± 0.7	22.0 ± 0.6	1.4 ± 0.4	37	95
SRP45.1x12.5x10.0	31	45.1 ± 1.0	12.5 ± 0.6	34.5 ± 0.8	10.0 ± 0.4	1.5 ± 0.5	30	72
SRP45.1x12.5x28.6	32	45.1 ± 1.0	12.5 ± 0.6	34.5 ± 0.8	28.6 ± 0.8	1.5 ± 0.5	80	165
SRP45.2x6.5x12.0		45.2 ± 1.0	6.5 ± 0.5	40.0 ± 0.8	12.0 ± 0.5	1.4 ± 0.4	24	72
SRP49.6x4.0x12.0		49.6 ± 1.0	4.0 ± 0.2	44.0 ± 0.8	12.0 ± 0.5	1.4 ± 0.4	19	63
SRP49.6x6.5x12.0		49.6 ± 1.0	6.5 ± 0.5	44.0 ± 0.8	12.0 ± 0.5	1.4 ± 0.4	22	68
SRP57.6x6.5x12.0		57.6 ± 1.2	6.5 ± 0.5	52.0 ± 1.0	12.0 ± 0.5	1.4 ± 0.4	22	70
SRP60.6x6.5x12.0		60.6 ± 1.2	6.5 ± 0.5	55.0 ± 1.0	12.0 ± 0.5	1.4 ± 0.4	28	92



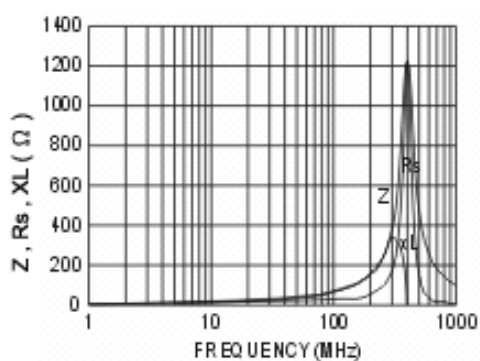
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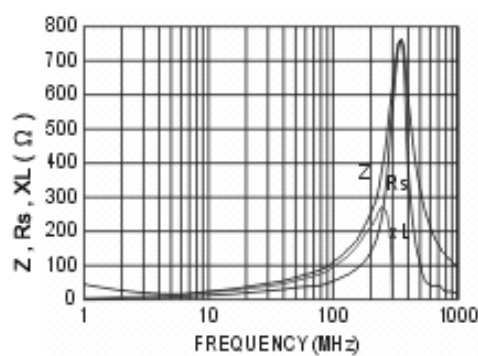
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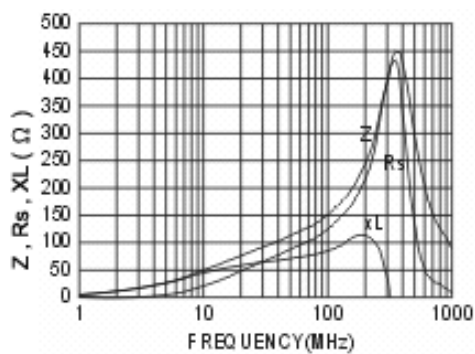
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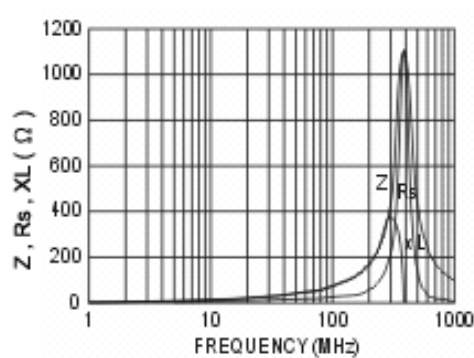
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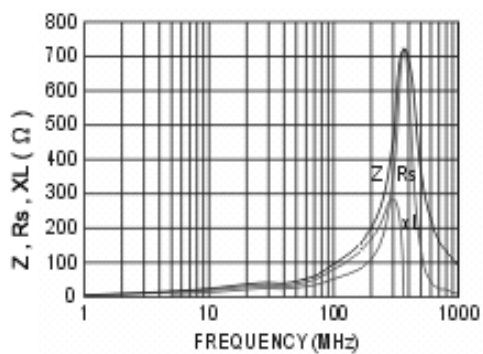
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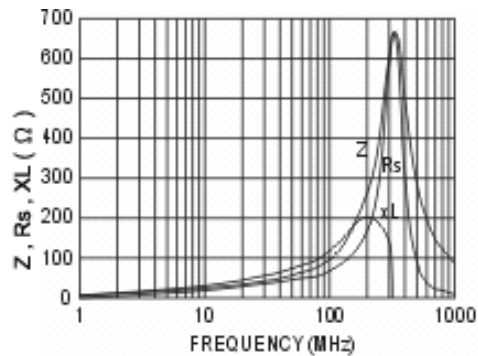
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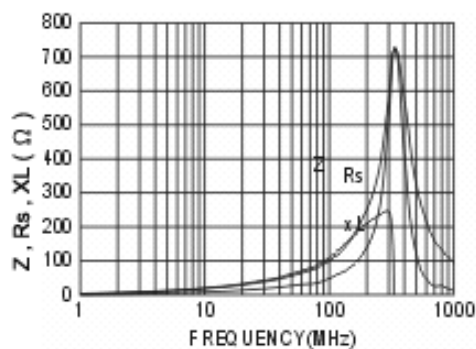
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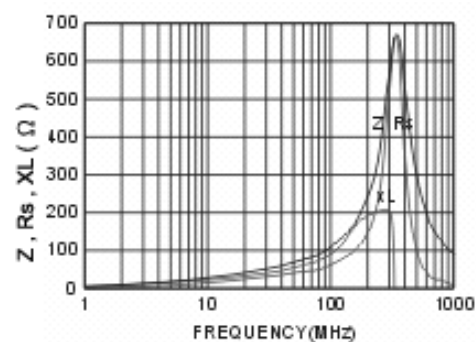
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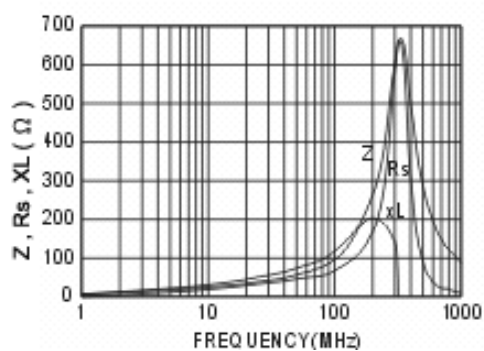
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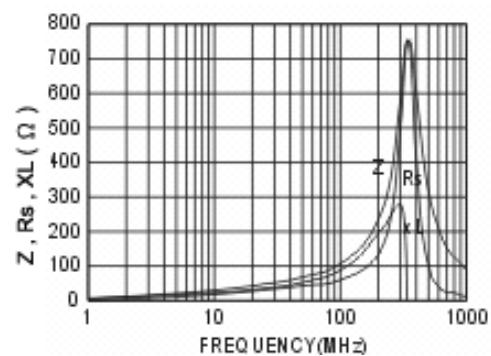
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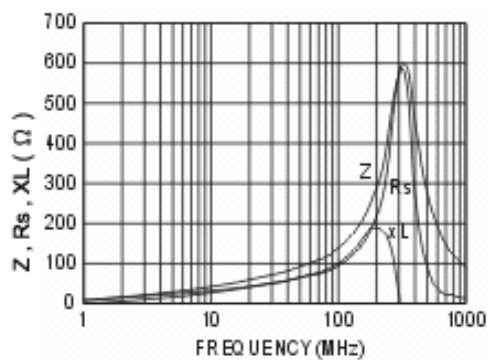
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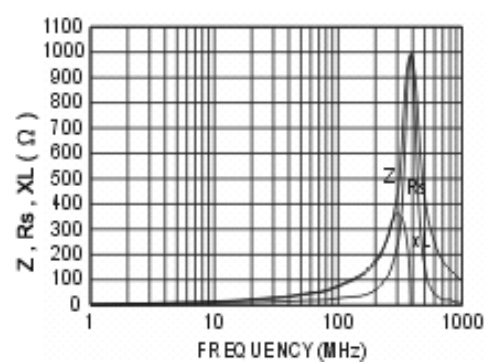
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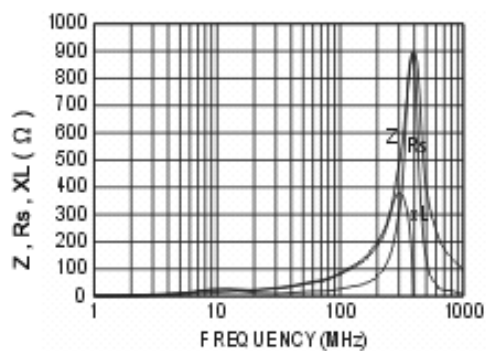
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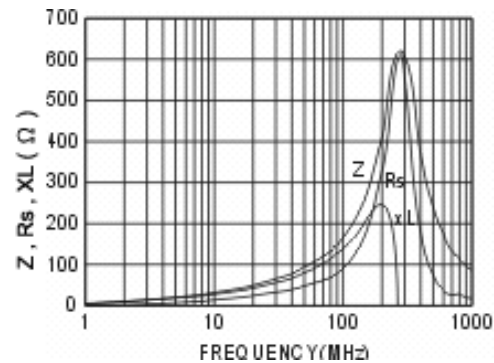
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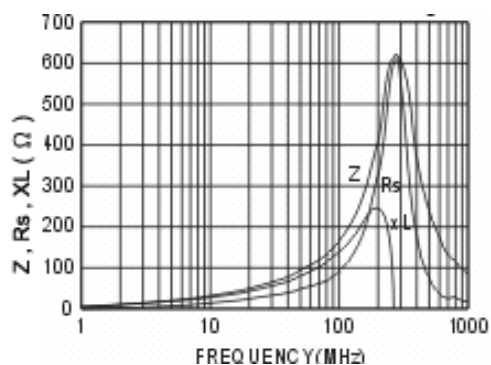
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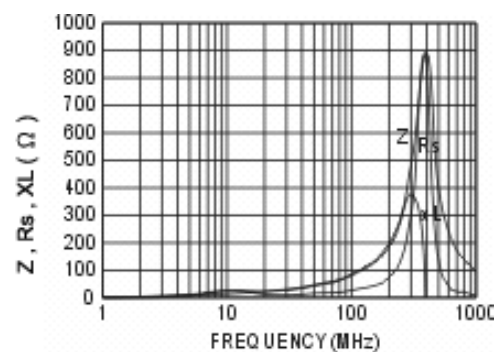
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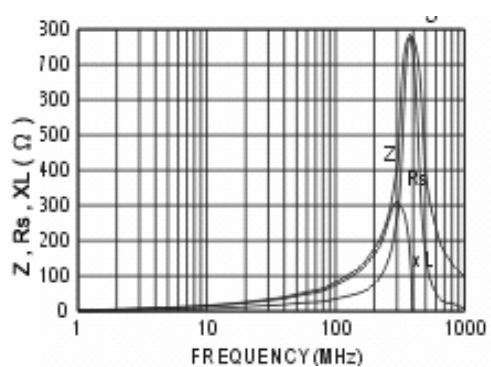
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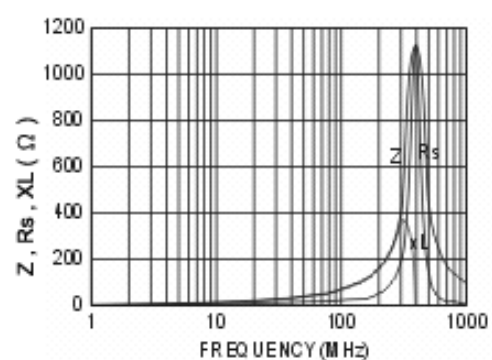
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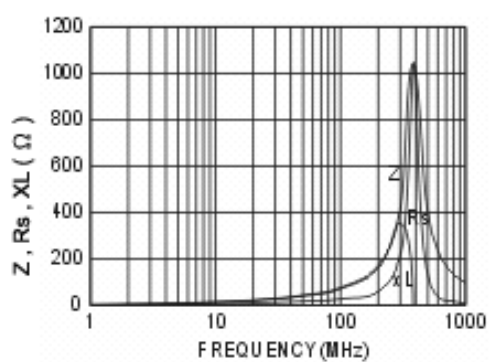
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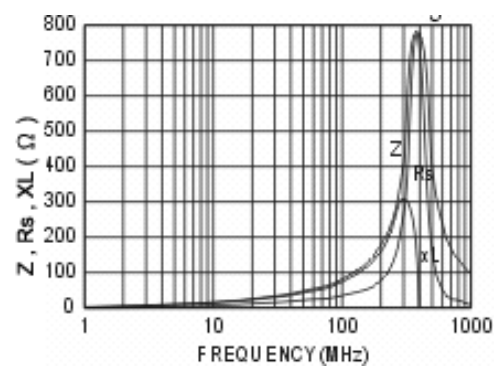
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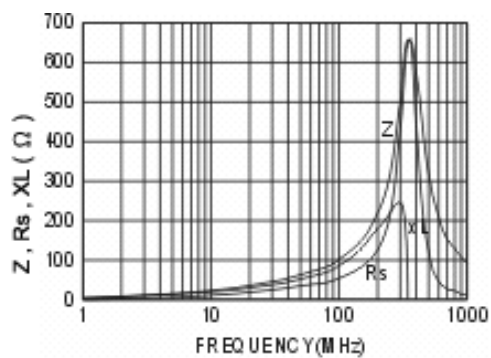
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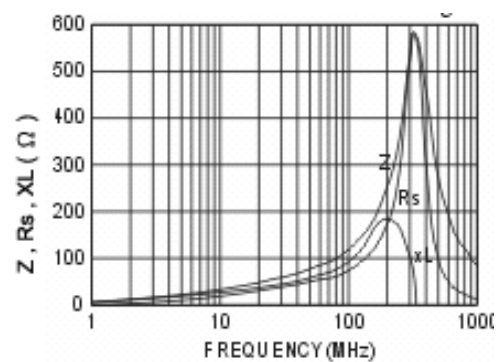
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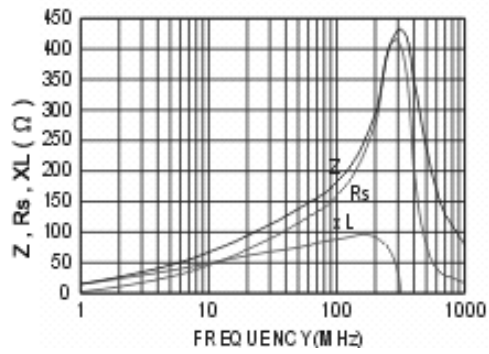
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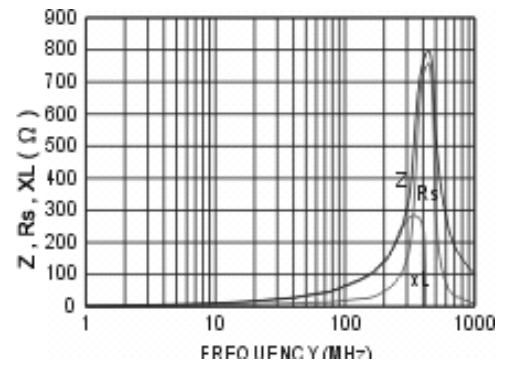
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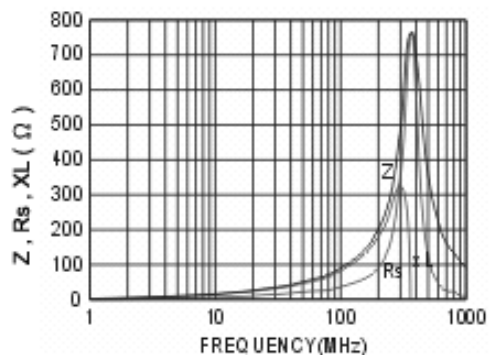
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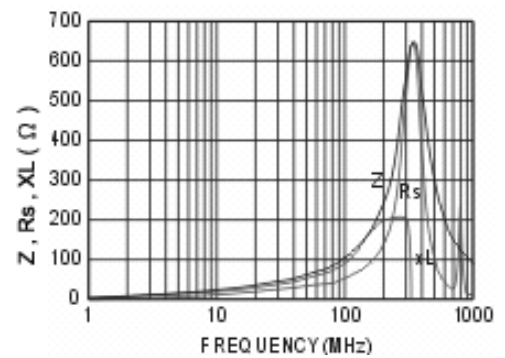
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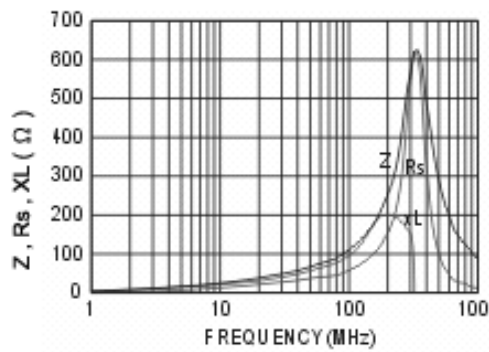
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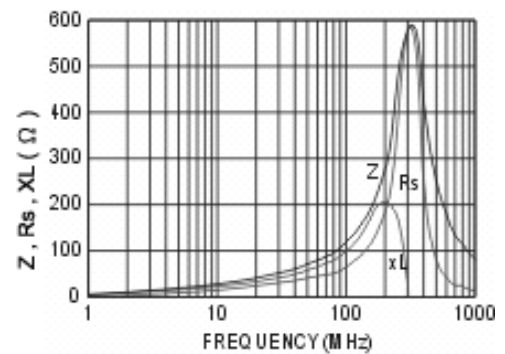
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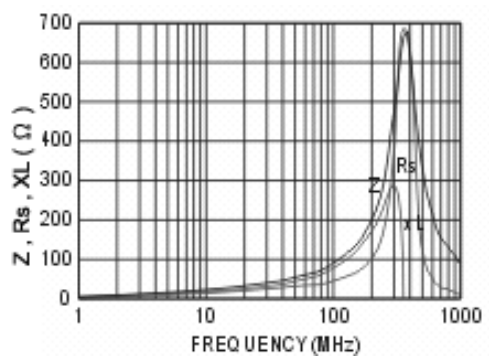
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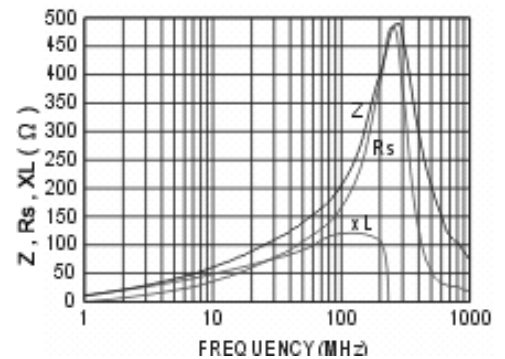
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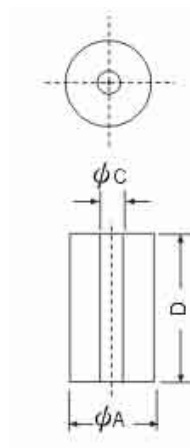
31



32



Toroidal Cores – ST Series

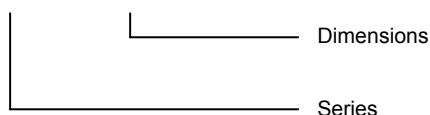


Features

- Minimal effect on transmission waveforms
- Low cost noise countermeasure
- Application: LAN matching and isolation transformers, EMI Filters, Power Supplies etc.

Ordering Information

ST 6.0x3.0x3.0

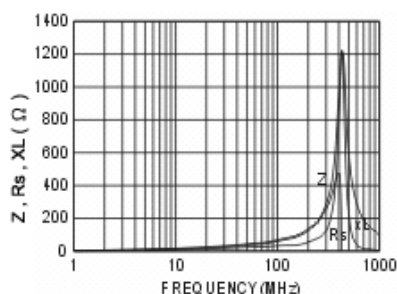


Characteristic

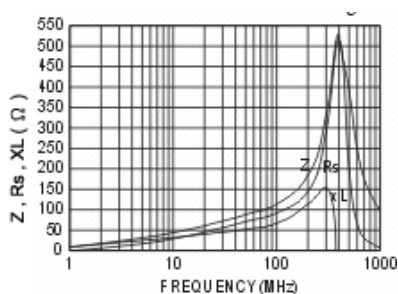
Part No.	A	C	D	Material	Curve	A _L (nH)	Impedance (Ω) min	
							25MHz	100MHz
ST4.5x1.5x3.5	4.5 ± 0.2	1.5 ± 0.15	3.5 ± 0.2	K5A		490	70	100
ST5.08x2.36x4.8	5.08 ± 0.2	2.36 ± 0.15	4.8 ± 0.3	K5A		491	310	490
ST7.0x3.5x4.0	7.0 ± 0.2	3.5 ± 0.2	4.0 ± 0.3	K5A		373	15	45
ST7.62x3.18x4.78	7.62 ± 0.2	3.18 ± 0.2	4.78 ± 0.3	K6		1179	25	50
ST9.4x6.3x5.0	9.4 ± 0.3	6.3 ± 0.3	6.2 ± 0.3	K5A		343	10	25
ST9.5x5.02x5.0	9.5 ± 0.3	5.02 ± 0.3	5.0 ± 0.3	K5A		432	20	35
ST9.5x5.0x5.0	9.5 ± 0.3	5.0 ± 0.3	5.0 ± 0.3	K5A		434	20	35
ST9.65x5.02x4.83	9.65 ± 0.3	5.02 ± 0.25	4.83 ± 0.2	K6			10	30
ST9.65x5.0x5.05	9.65 ± 0.3	5.0 ± 0.2	5.05 ± 0.3	K5A		449	21	43
ST10.0x5.1x9.0	10.0 ± 0.3	5.1 ± 0.25	9.0 ± 0.3	P1B		673	30	60
ST10.0x7.0x5.0	10.0 ± 0.3	7.0 ± 0.3	5.0 ± 0.3	K5A		247	15	40
ST12.0x7.0x5.5	12.0 ± 0.3	7.0 ± 0.3	5.5 ± 0.3	K5A		405	15	40
ST12.7x7.9x6.35	12.7 ± 0.3	7.9 ± 0.3	6.35 ± 0.3	K5A	5	414	21	42
ST13.0x7.0x3.0	13.0 ± 0.3	7.0 ± 0.3	3.0 ± 0.2	K5A		252	15	30
ST14.0x8.7x7.0	14.0 ± 0.4	8.7 ± 0.3	7.0 ± 0.3	K5A		458	25	45
ST14.2x4.5x6.0	14.2 ± 0.4	4.5 ± 0.4	6.0 ± 0.3	K5		1245	35	85
ST14.2x6.35x13.8	14.2 ± 0.4	6.35 ± 0.3	13.8 ± 0.4	K5A		1476	60	100
ST14.5x10.5x8.0	14.5 ± 0.4	10.5 ± 0.4	8.0 ± 0.3	K5A		358	15	45
ST15.9x7.9x14.3	15.9 ± 0.4	7.9 ± 0.3	14.3 ± 0.4	K5A		1346	60	100
ST16.0x8.0x13.0	16.0 ± 0.4	8.0 ± 0.3	13.0 ± 0.4	K5A	10	1213	45	90
ST16.5x8.2x13.0	16.5 ± 0.4	8.2 ± 0.3	13.0 ± 0.4	K5A		1223	45	100
ST17.5x9.5x12.7	17.5 ± 0.4	9.5 ± 0.3	12.7 ± 0.4	K5A	14	1054	45	70
ST18.3x10.0x10.0	18.3 ± 0.5	10.0 ± 0.4	10.0 ± 0.4	K5A	17		30	80
ST18.4x9.5x15.0	18.4 ± 0.5	9.5 ± 0.3	15.0 ± 0.4	K5A		1340	50	85
ST18.4x9.6x12.0	18.4 ± 0.5	9.6 ± 0.3	12.0 ± 0.4	K5A		1056	45	80
ST18.7x10.2x17.0	18.7 ± 0.5	10.2 ± 0.4	17.0 ± 0.4	K5A		1400	45	80
ST20.0x10.0x10.0	20.0 ± 0.6	10.0 ± 0.4	10.0 ± 0.4	K5A	20	933	140	250
ST20.7x12.0x14.0	20.7 ± 0.6	12.0 ± 0.4	14.0 ± 0.4	K5A		980	140	250
ST21.0x13.2x12.0	21.0 ± 0.6	13.2 ± 0.4	12.0 ± 0.4	K5A		776	30	65
ST21.2x12.7x6.1	21.2 ± 0.6	12.7 ± 0.4	6.1 ± 0.3	K5A		428	30	65
ST22.0x13.5x8.0	22.0 ± 0.6	13.5 ± 0.4	8.0 ± 0.3	K5A		536	30	60
ST22.0x14.0x8.0	22.0 ± 0.6	14.0 ± 0.4	8.0 ± 0.3	K5A		498	30	60
ST22.1x13.7x6.35	22.1 ± 0.6	13.7 ± 0.4	6.35 ± 0.3	K5A			15	45
ST22.5x13.8x6.4	22.5 ± 0.6	13.8 ± 0.4	6.4 ± 0.3	K5A	21		15	45
ST22.5x13.8x12.8	22.5 ± 0.6	13.8 ± 0.4	12.8 ± 0.4	K5A	22		40	80
ST23.0x11.0x14.0	23.0 ± 0.6	11.0 ± 0.4	14.0 ± 0.4	K5A		1384	60	110

Part No.	A	C	D	Material	Curve	A _L (nH)	Impedance (Ω) min	
							25MHz	100MHz
ST23.0x13.5x6.34	23.0 ± 0.6	13.5 ± 0.4	6.34 ± 0.4	K5A		463	15	45
ST23.5x12.6x9.4	23.5 ± 0.6	12.6 ± 0.4	9.4 ± 0.3	K6A		1703	60	120
ST24.0x11.0x14.0	24.0 ± 0.6	11.0 ± 0.4	14.0 ± 0.4	K5A		1456	60	100
ST24.0x14.0x11.0	24.0 ± 0.6	14.0 ± 0.4	11.0 ± 0.4	K5A			35	63
ST25.0x15.0x12.0	25.0 ± 0.6	15.0 ± 0.5	12.0 ± 0.4	K5A		467	35	80
ST28.0x16.0x13.0	28.0 ± 0.6	16.0 ± 0.3	13.0 ± 0.4	K6	26	993	40	80
ST29.0x19.0x7.5	29.0 ± 0.6	19.0 ± 0.5	7.5 ± 0.3	K5A		438	20	50
ST31.0x19.0x8.0	31.0 ± 0.9	19.0 ± 0.5	8.0 ± 0.3	K5	27		25	60
ST31.75x19.05x16.0	31.75 ± 0.8	19.05 ± 0.5	16.0 ± 0.4	K5A	28		50	90
ST31.75x19.05x22.5	31.75 ± 0.8	19.05 ± 0.8	22.5 ± 0.6	K5A			60	90
ST35.6x23.0x12.7	35.6 ± 0.8	23.0 ± 0.6	12.7 ± 0.4	K5A	29	765	25	90
ST35.6x5.4x7.5	35.6 ± 0.8	25.4 ± 0.6	7.5 ± 0.2	K5A	30	351	25	90
ST40.6x27.5x15.0	40.6 ± 1.0	27.5 ± 0.6	15.0 ± 0.4	K5A		808	35	85
ST40.6x27.0x15.0	40.6 ± 1.0	27.0 ± 0.6	15.0 ± 0.4	K5A		845	35	85

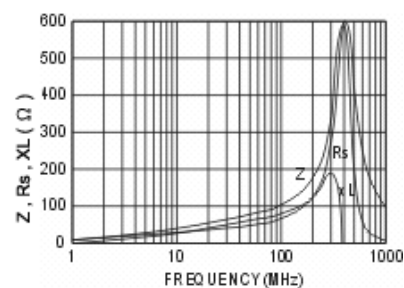
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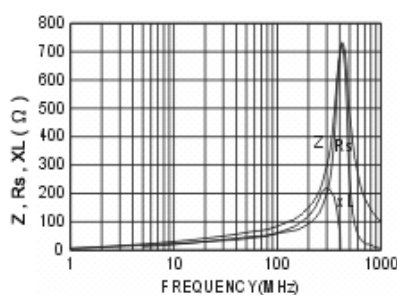
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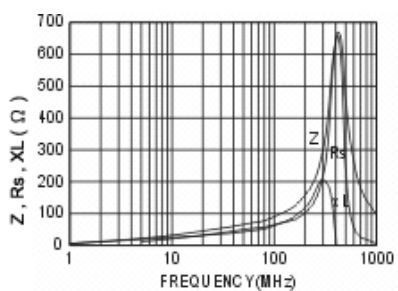
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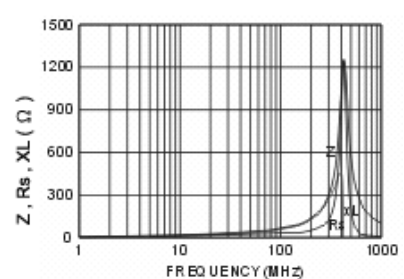
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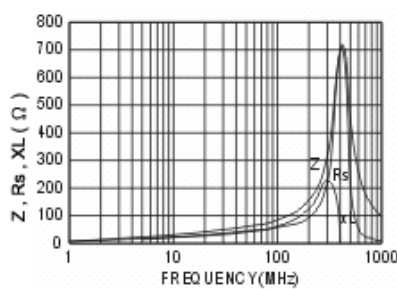
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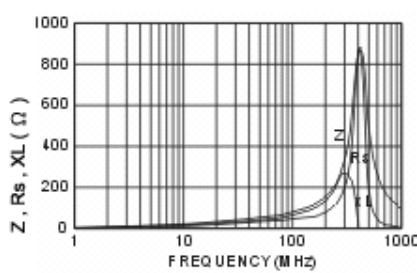
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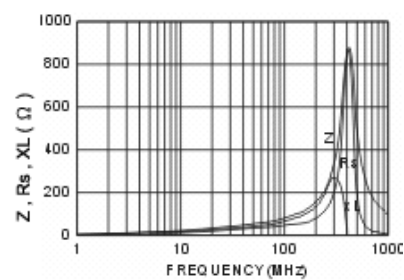
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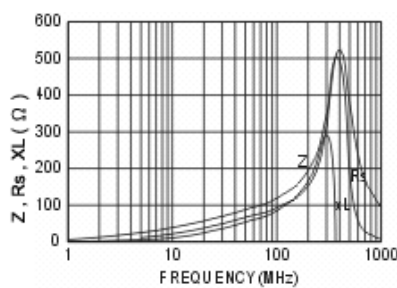
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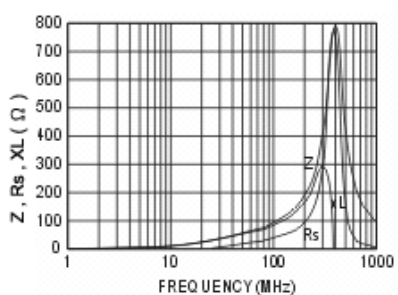
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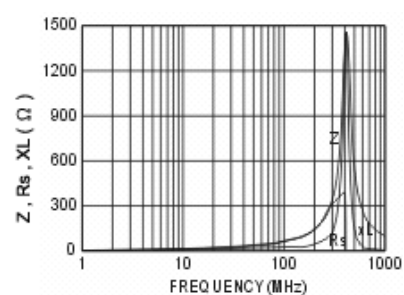
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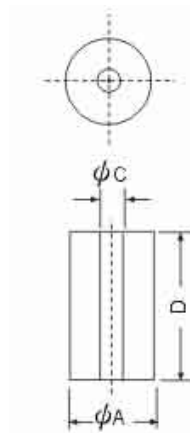
29



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Axial Ferrite Bead – SRH Series

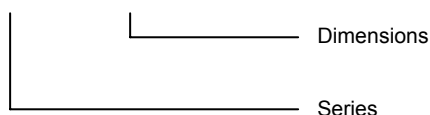


Features

- Employ High-Performance ferrites with superior frequency characteristic. Compact and high performance. Easy installation.
- Countermeasure against radiated emissions – full compliance with FCC

Ordering Information

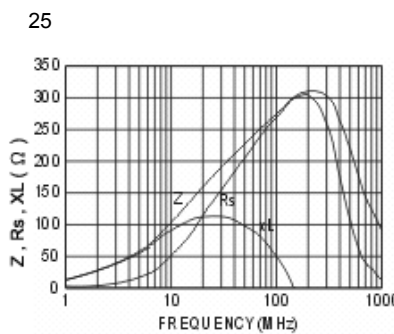
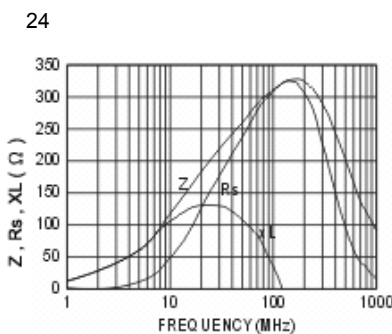
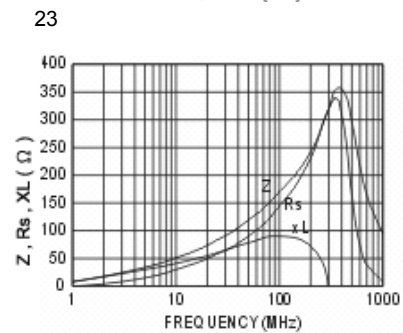
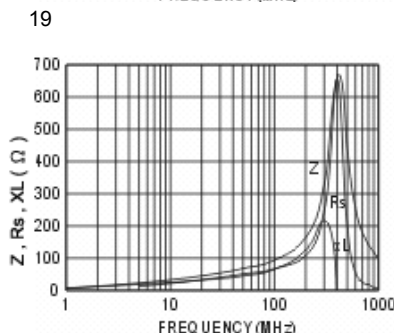
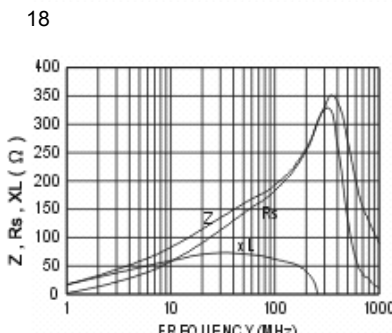
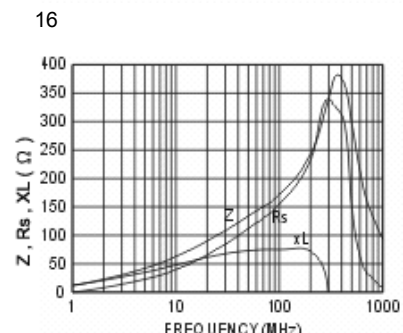
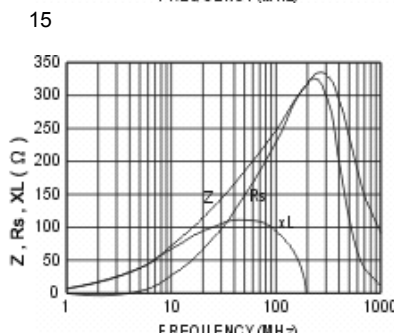
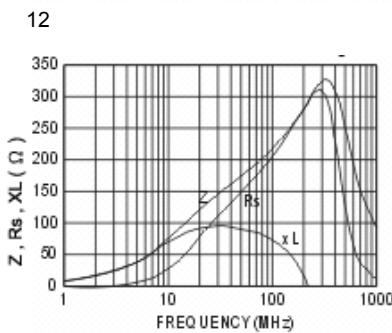
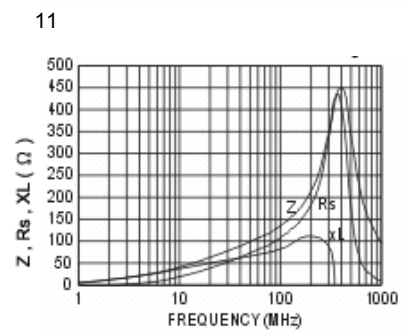
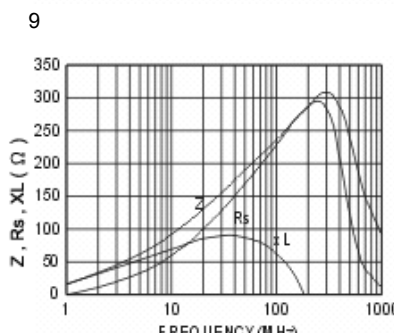
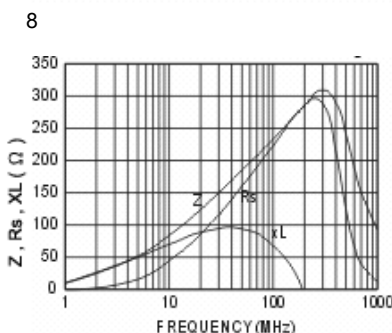
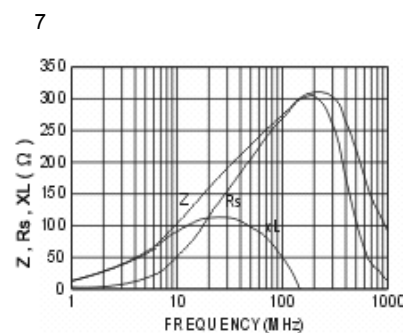
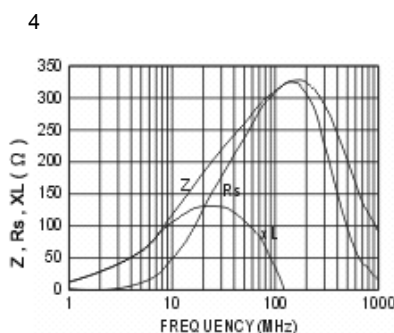
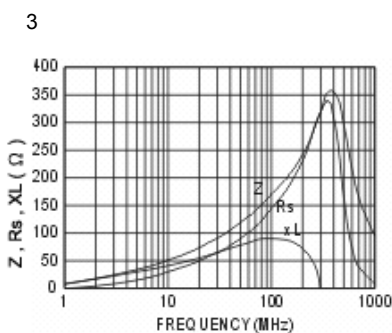
SRH 11.0x5.0x25.0



Characteristic

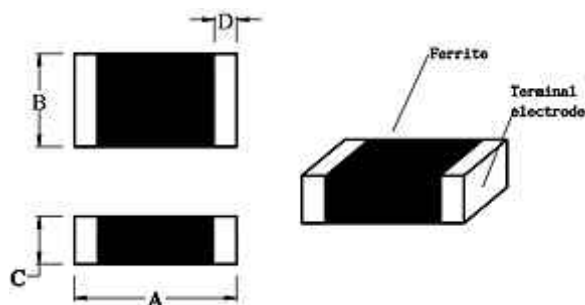
Part No.	A	C	D	Material	Curve	Impedance (Ω) min	
						25MHz	100MHz
SRH2.5x0.8x3.0	2.5 ± 0.15	0.8 ± 0.15	3.0 ± 0.2	K5A		20	30
SRH2.5x1.0x3.0	2.5 ± 0.15	1.0 ± 0.15	3.0 ± 0.2	K5A		10	30
SRH3.5x0.9x6.0	3.5 ± 0.15	0.9 ± 0.1	6.0 ± 0.3	K5A		50	75
SRH3.5x1.3x3.0	3.5 ± 0.15	1.3 ± 0.1	3.0 ± 0.2	K5A		10	20
SRH3.5x1.0x5.0	3.5 ± 0.15	1.0 ± 0.15	5.0 ± 0.3	K5A		20	45
SRH4.0x2.0x15.0	4.0 ± 0.2	2.0 ± 0.15	15.0 ± 0.5	K5		50	80
SRH4.0x2.0x25.0	4.0 ± 0.2	2.0 ± 0.15	25.0 ± 0.3	K5A		90	120
SRH4.0x2.2x6.0	4.0 ± 0.2	2.2 ± 0.15	6.0 ± 0.3	K5A		20	40
SRH4.0x2.2x25.0	4.0 ± 0.2	2.2 ± 0.15	25.0 ± 0.6	K5A		90	120
SRH4.1x2.0x6.0	4.1 ± 0.2	2.0 ± 0.15	6.0 ± 0.3	K5A		20	30
SRH4.2x2.0x15.0(R)	4.2 ± 0.2	2.0 ± 0.15	15.0 ± 0.4	C3B		45	90
SRH4.2x2.0x15.0(C)	4.2 ± 0.2	2.0 ± 0.15	15.0 ± 0.4	C3B		45	90
SRH4.5x1.5x7.0	4.5 ± 0.2	1.5 ± 0.1	7.0 ± 0.3	K5		40	80
SRH4.5x2.5x7.0	4.5 ± 0.2	2.5 ± 0.15	7.0 ± 0.3	K5A		35	65
SRH4.9x2.0x36.0	4.9 ± 0.2	2.0 ± 0.15	36.0 ± 0.8	K6		140	200
SRH5.08x2.29x10	5.08 ± 0.2	2.29 ± 0.15	10.0 ± 0.4	K5A		40	65
SRH6.35x2.95x25.4	6.35 ± 0.2	2.95 ± 0.15	25.4 ± 0.6	K5A		108	200
SRH6.35x3.2x12.7	6.35 ± 0.2	3.2 ± 0.2	12.7 ± 0.4	K5A		55	102
SRH6.5x4.0x10.0	6.5 ± 0.2	4.0 ± 0.2	10.0 ± 0.4	K5A		20	40
SRH6.5x4.5x10.0	6.5 ± 0.2	4.5 ± 0.2	10.0 ± 0.4	K5A		15	35
SRH7.52x2.39x7.54	7.52 ± 0.2	2.39 ± 0.15	7.54 ± 0.3	K5A		30	60
SRH7.8x4.0x13.0	7.8 ± 0.2	4.0 ± 0.2	13.0 ± 0.4	K5A		45	80
SRH7.8x5.0x12.5	7.8 ± 0.2	5.0 ± 0.25	12.5 ± 0.4	K5A		30	60
SRH8.0x5.3x15.0	8.0 ± 0.2	5.3 ± 0.25	15.0 ± 0.4	K5A		40	80
SRH9.0x5.0x16.0	9.0 ± 0.3	5.0 ± 0.25	16.0 ± 0.4	K5A		50	80
SRH9.05x4.7x16.2	9.05 ± 0.3	4.7 ± 0.2	16.2 ± 0.4	K5A		60	110
SRH9.5x4.8x14.5	9.5 ± 0.3	4.8 ± 0.2	14.5 ± 0.4	K5A		53	75
SRH9.5x5.0x14.5	9.5 ± 0.3	5.0 ± 0.25	14.5 ± 0.4	K5A		50	100
SRH9.5x5.2x9.5	9.5 ± 0.3	5.2 ± 0.25	9.5 ± 0.4	K5A		35	65
SRH9.65x5.02x10.4	9.65 ± 0.3	5.02 ± 0.25	10.4 ± 0.4	K5A		30	60
SRH9.7x3.8x10.2	9.7 ± 0.3	3.8 ± 0.2	10.2 ± 0.4	K5A		60	100
SRH9.8x6.3x15.7	9.8 ± 0.3	6.3 ± 0.3	15.7 ± 0.4	K5A		45	65
SRH10.0x5.0x25.0	10.0 ± 0.3	5.0 ± 0.25	25.0 ± 0.6	K5A		125	160

Part No.	A	C	D	Material	Curve	Impedance (Ω) min	
						25MHz	100MHz
SRH10.0x5.5x2.5	10.0 ± 0.3	5.5 ± 0.25	2.5 ± 0.6	K5A		90	160
SRH10.0x6.0x14.0	10.0 ± 0.3	6.0 ± 0.3	14.0 ± 0.4	K5A		35	75
SRH10.0x6.15x6.2	10.0 ± 0.3	6.15 ± 0.3	6.2 ± 0.3	K5A		45	85
SRH10.0x7.0x10.0	10.0 ± 0.3	7.0 ± 0.3	10.0 ± 0.4	K5A		20	40
SRH10.5x5.5x20.0	10.5 ± 0.3	5.5 ± 0.25	20.0 ± 0.5	K5A		65	120
SRH11.0x5.0x25.0	11.0 ± 0.3	5.0 ± 0.25	25.0 ± 0.6	K5A		115	180
SRH11.3x5.95x12.0	11.3 ± 0.3	5.95 ± 0.25	12.0 ± 0.4	K5A		40	70
SRH11.86x7.4x15.0	11.86 ± 0.3	7.4 ± 0.3	15.0 ± 0.4	K5A		35	75
SRH12.0x4.0x23.0	12.0 ± 0.3	4.0 ± 0.2	23.0 ± 0.5	K5A	4	160	230
SRH12.0x5.6x20.0	12.0 ± 0.3	5.6 ± 0.25	20.0 ± 0.5	K5A	3	100	200
SRH12.0x8.0x13.0	12.0 ± 0.3	8.0 ± 0.3	13.0 ± 0.4	K5A		35	75
SRH12.0x8.5x15.0	12.0 ± 0.3	8.5 ± 0.3	15.0 ± 0.4	K5A		30	50
SRH12.3x5.0x12.7	12.3 ± 0.3	5.0 ± 0.25	12.7 ± 0.4	K5A		60	120
SRH12.7x6.0x21.7	12.7 ± 0.3	6.0 ± 0.3	21.7 ± 0.5	K6		85	135
SRH12.7x7.9x12.7	12.7 ± 0.3	7.9 ± 0.3	12.7 ± 0.4	K5A		30	60
SRH13.0x7.0x15.0	13.0 ± 0.3	7.0 ± 0.3	15.0 ± 0.4	P3		75	140
SRH14.0x6.8x15.0	14.0 ± 0.4	6.8 ± 0.3	15.0 ± 0.4	K5		65	120
SRH14.0x7.8x15.0	14.0 ± 0.4	7.8 ± 0.3	15.0 ± 0.4	K5A		35	70
SRH14.2x4.5x28.5	14.2 ± 0.4	4.5 ± 0.2	28.5 ± 0.6	K5A		160	300
SRH14.2x6.35x28.5	14.2 ± 0.4	6.35 ± 0.3	28.5 ± 0.6	K5A	7	100	190
SRH14.2x6.35x36.0	14.2 ± 0.4	6.35 ± 0.3	36.0 ± 0.8	K5A		150	280
SRH14.2x7.2x28.5	14.2 ± 0.4	7.2 ± 0.3	28.5 ± 0.6	K5A		130	210
SRH14.2x7.0x28.5	14.2 ± 0.4	7.0 ± 0.3	28.5 ± 0.6	K5A	8	100	120
SRH14.2x8.0x23.5	14.2 ± 0.4	8.0 ± 0.3	23.5 ± 0.5	K5A		65	135
SRH14.2x8.0x28.5	14.2 ± 0.4	8.0 ± 0.3	28.5 ± 0.6	K5A		60	150
SRH14.2x9.15x28.5	14.2 ± 0.4	9.15 ± 0.3	28.5 ± 0.6	K5A		100	170
SRH14.2x9.0x15.0	14.2 ± 0.4	9.0 ± 0.3	15.0 ± 0.4	K5A		50	100
SRH14.3x6.35x23.3	14.3 ± 0.4	6.35 ± 0.3	23.3 ± 0.5	K5A		100	180
SRH14.3x9.15x28.5	14.3 ± 0.4	9.15 ± 0.3	28.5 ± 0.6	K5A		75	120
SRH14.3x9.0x28.5	14.3 ± 0.4	9.0 ± 0.3	28.5 ± 0.6	K5A		75	120
SRH15.7x10.5x28.5	15.7 ± 0.4	10.5 ± 0.3	28.5 ± 0.6	K5A		60	100
SRH15.7x7.3x28.5	15.7 ± 0.4	7.3 ± 0.3	28.5 ± 0.6	K5A		90	180
SRH15.7x7.5x28.5	15.7 ± 0.4	7.5 ± 0.3	28.5 ± 0.6	K5A	9	90	180
SRH15.88x8.0x28.5	15.88 ± 0.4	8.0 ± 0.3	28.5 ± 0.6	K5A		100	160
SRH16.0x4.3x17.5	16.0 ± 0.4	4.3 ± 0.3	17.5 ± 0.4	K5A		100	185
SRH16.0x8.0x16.0	16.0 ± 0.4	8.0 ± 0.3	16.0 ± 0.4	K5A		55	110
SRH16.0x9.0x17.0	16.0 ± 0.4	9.0 ± 0.3	17.0 ± 0.4	K5A	11	50	80
SRH16.0x9.0x28.0	16.0 ± 0.4	9.0 ± 0.3	28.0 ± 0.6	K5A	12	80	150
SRH17.07x8.76x25.4	17.07 ± 0.4	8.76 ± 0.3	25.4 ± 0.6	K5A		90	130
SRH17.2x7.0x28.5	17.2 ± 0.4	7.0 ± 0.3	28.5 ± 0.6	K5A		140	230
SRH17.5x7.0x25.4	17.5 ± 0.4	7.0 ± 0.3	25.4 ± 0.6	P2M		110	200
SRH17.5x9.5x28.5	17.5 ± 0.4	9.5 ± 0.3	28.5 ± 0.6	K5A	15	85	145
SRH17.5x9.5x35.0	17.5 ± 0.4	9.5 ± 0.4	35.0 ± 0.8	K5A		120	200
SRH17.5x10.5x24.0	17.5 ± 0.4	10.5 ± 0.4	24.0 ± 0.6	K5A		85	130
SRH17.5x10.5x28.5	17.5 ± 0.4	10.5 ± 0.4	28.5 ± 0.6	K5A		90	150
SRH17.5x10.0x28.5	17.5 ± 0.4	10.0 ± 0.4	28.5 ± 0.6	K5A		100	240
SRH17.5x11.0x28.5	17.5 ± 0.4	11.0 ± 0.4	28.5 ± 0.6	K5A	16	80	130
SRH18.0x10.5x18.0	18.0 ± 0.5	10.5 ± 0.4	18.0 ± 0.6	K5A		45	90
SRH18.2x9.7x28.2	18.2 ± 0.5	9.7 ± 0.3	28.2 ± 0.6	K5A		133	250
SRH18.7x10.2x28.5	18.7 ± 0.5	10.2 ± 0.4	28.5 ± 0.6	K5A	18	70	130
SRH19.0x13.0x29.0	19.0 ± 0.5	13.0 ± 0.4	29.0 ± 0.6	K5A		60	110
SRH19.2x11.6x28.6	19.2 ± 0.5	11.6 ± 0.4	28.6 ± 0.6	K5A		76	118
SRH20.7x12.0x28.5	20.7 ± 0.6	12.0 ± 0.4	28.5 ± 0.6	K5A	19	85	160
SRH25.9x12.3x29.0	25.9 ± 0.6	12.3 ± 0.4	29.0 ± 0.6	K5A		90	180
SRH25.9x0.6x29.0	25.9 ± 0.6	0.6 ± 0.4	29.0 ± 0.6	K5A		120	240
SRH26.0x13.0x28.5	26.0 ± 0.6	13.0 ± 0.4	28.5 ± 0.6	K5A	23	116	180
SRH26.0x14.0x28.5	26.0 ± 0.6	14.0 ± 0.4	28.5 ± 0.6	K5A	24	90	180
SRH28.0x14.0x28.0	28.0 ± 0.6	14.0 ± 0.4	28.0 ± 0.6	K5A	25	110	180
SRH28.0x16.0x28.5	28.0 ± 0.6	16.0 ± 0.4	28.5 ± 0.6	K5A		110	220



Chip Bead – SCB Series

SCHMID-M

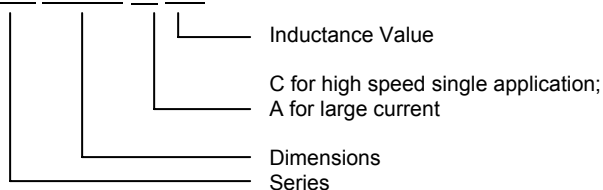


Features

- SCB series offers full specification for your needs. Wide impedance characteristic and many sizes for easy design-in
- SCB-C series is used in high-speed single line applications
- SCB-A series for large current
- This inductor generates high impedance which at high frequency mainly consists of a resistance element

Ordering Information

SCB 201219 □-121



Dimensions

Part No.	A	B	C	D
SCB100505 (0402)	1.0±0.1	0.5±0.1	0.5±0.1	0.1Min.
SCB160808 (0603)	1.6±0.2	0.8±0.2	0.8±0.2	0.3±0.2
SCB201209 (0805)	2.0±0.2	1.2±0.2	0.9±0.2	0.5±0.3
SCB321611 (1206)	3.2±0.2	1.6±0.2	1.1±0.2	0.5±0.3
SCB321616 (1206)	3.2±0.2	1.6±0.2	1.6±0.2	0.5±0.3
SCB322513 (1210)	3.2±0.2	2.5±0.2	1.3±0.2	0.5±0.3
SCB451616 (1806)	4.5±0.2	1.6±0.2	1.6±0.2	0.5±0.3
SCB453215 (1812)	4.5±0.2	3.2±0.2	1.5±0.2	0.5±0.3

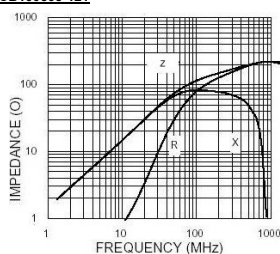
SIZE	100505	160808	201209	321611
QTY /REEL	10000pcs.	4000pcs.	4000pcs.	3000pcs.
	321616	322513	451616	453215
	2000pcs.	2000pcs.	2000pcs.	1000pcs.

Characteristics

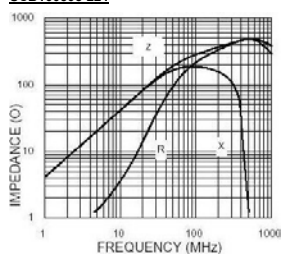
Part No.	Impedance (Ω)	Test Frequency (MHz)	RDC (Ω)	IDC (mA)
SCB100505-300	30 ± 25%	100	0.30	500
SCB100505-600	60 ± 25%	100	0.40	200
SCB100505-121	120 ± 25%	100	0.50	200
SCB100505-221	220 ± 25%	100	0.70	100
SCB100505-301	300 ± 25%	100	0.80	100
SCB100505-451	450 ± 25%	100	0.90	100
SCB100505-601	600 ± 25%	100	1.00	100
SCB160808-090	9 ± 25%	100	0.20	500
SCB160808-300	30 ± 25%	100	0.20	400
SCB160808-600	60 ± 25%	100	0.20	300
SCB160808-800	80 ± 25%	100	0.20	300
SCB160808-121	120 ± 25%	100	0.20	200
SCB160808-221	220 ± 25%	100	0.20	200
SCB160808-301	300 ± 25%	100	0.35	200
SCB160808-451	450 ± 25%	100	0.40	200
SCB160808-601	600 ± 25%	100	0.45	200
SCB160808-102	1000 ± 25%	100	0.60	100
SCB201209-110	11 ± 25%	100	0.15	600
SCB201209-320	32 ± 25%	100	0.15	400
SCB201209-800	80 ± 25%	100	0.15	300
SCB201209-121	120 ± 25%	100	0.25	300
SCB201209-151	150 ± 25%	100	0.25	300
SCB201209-221	220 ± 25%	100	0.30	200
SCB201209-301	300 ± 25%	100	0.30	200
SCB201209-501	500 ± 25%	100	0.30	200
SCB201209-601	600 ± 25%	100	0.35	200
SCB201209-102	1000 ± 25%	100	0.45	200
SCB321611-310	31 ± 25%	100	0.20	500

Part No.	Impedance (Ω)	Test Frequency (MHz)	RDC (Ω)	IDC (mA)
SCB321611-600	$60 \pm 25\%$	100	0.30	400
SCB321611-900	$90 \pm 25\%$	100	0.30	300
SCB321611-151	$150 \pm 25\%$	100	0.30	300
SCB321611-301	$300 \pm 25\%$	100	0.30	300
SCB321611-601	$600 \pm 25\%$	100	0.30	200
SCB321611-122	$1200 \pm 25\%$	50	0.50	100
SCB321611-202	$2000 \pm 25\%$	30	0.60	100
SCB321616-600	$60 \pm 25\%$	100	0.30	400
SCB322513-600	$60 \pm 25\%$	30	0.30	400
SCB322513-900	$90 \pm 25\%$	30	0.30	300
SCB451616-600	$60 \pm 25\%$	30	0.10	500
SCB451616-151	$150 \pm 25\%$	100	0.30	300
SCB453215-131	$130 \pm 25\%$	100	0.30	300

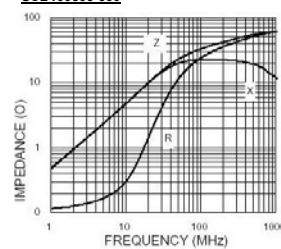
SCB100505-121



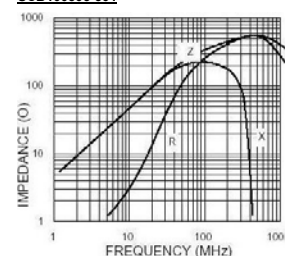
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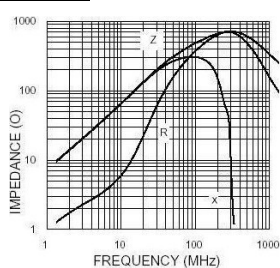
SCB100505-300



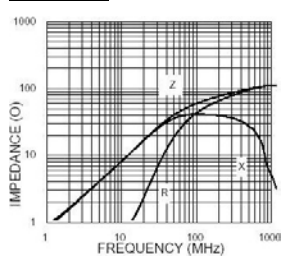
SCB100505-301



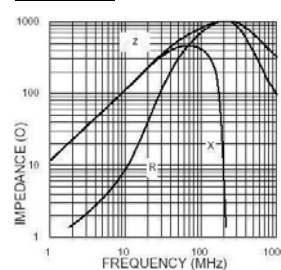
SCB100505-451



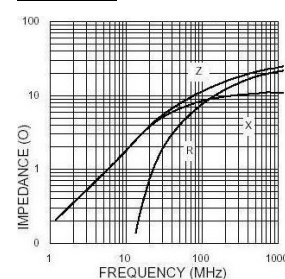
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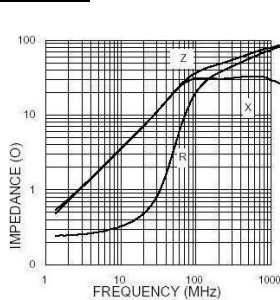
SCB100505-601



SCB160808-090



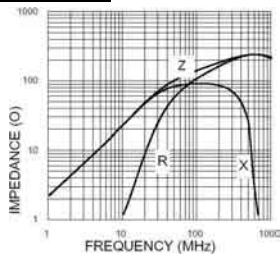
SCB160808-300



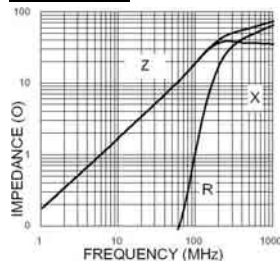
Characteristic-SCB-A

Part No.	Impedance (Ω)	Test Frequency (MHz)	RDC (Ω)	IDC (mA)
SCB160808A-300/3	30 \pm 25%	100	0.030	3000
SCB160808A-600/3	60 \pm 25%	100	0.040	3000
SCB160808A-121/2.5	120 \pm 25%	100	0.100	2500
SCB160808A-301/2	300 \pm 25%	100	0.150	2000
SCB160808A-601/1	600 \pm 25%	100	0.200	1000
SCB201209A-110/6	11 \pm 25%	100	0.010	6000
SCB201209A-170/6	17 \pm 25%	100	0.025	3000
SCB201209A-220/6	22 \pm 25%	100	0.025	3000
SCB201209A-300/6	30 \pm 25%	100	0.025	3000
SCB201209A-121/6	120 \pm 25%	100	0.060	3000
SCB201209A-301/6	300 \pm 25%	100	0.100	2000
SCB201209A-601/6	600 \pm 25%	100	0.150	2000
SCB321611A-260/3	26 \pm 25%	100	0.010	6000
SCB321611A-310/6	31 \pm 25%	100	0.010	6000
SCB321611A-500/3	50 \pm 25%	100	0.025	3000
SCB321611A-121/3	120 \pm 25%	100	0.040	3000
SCB 21611A-301/2.5	300 \pm 25%	100	0.050	2500
SCB321611A-601/2	600 \pm 25%	100	0.100	2000
SCB322513A-300/3	30 \pm 25%	100	0.050	3000
SCB322513A-520/3	52 \pm 25%	100	0.050	3000
SCB322513A-650/3	65 \pm 25%	100	0.030	3000
SCB451616A-600/6	60 \pm 25%	100	0.010	6000
SCB451616A-750/3	75 \pm 25%	100	0.025	3000
SCB451616A-800/3	80 \pm 25%	100	0.050	3000
SCB453215A-700/6	70 \pm 25%	100	0.030	6000
SCB453215A-121/3	120 \pm 25%	100	0.050	3000

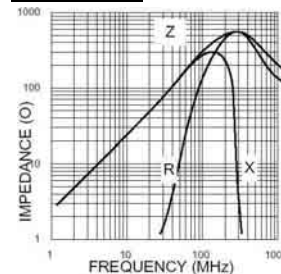
SCB321611A-121/3



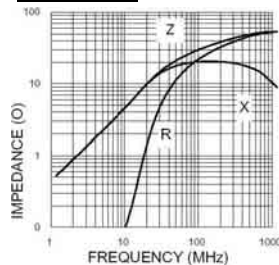
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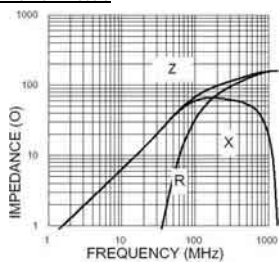
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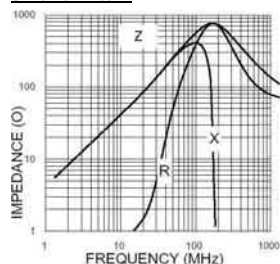
SCB321611A-310/6



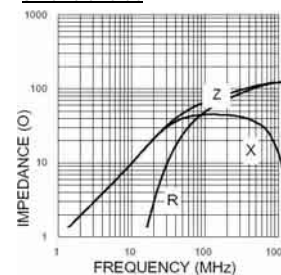
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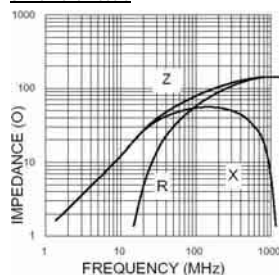
SCB321611A-601/2



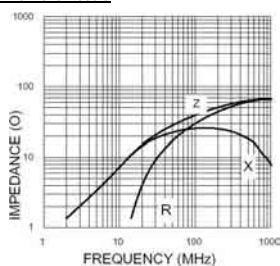
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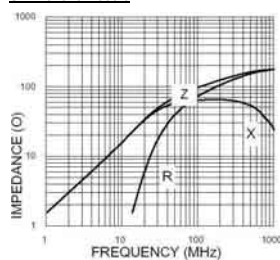
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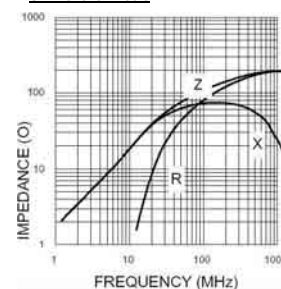
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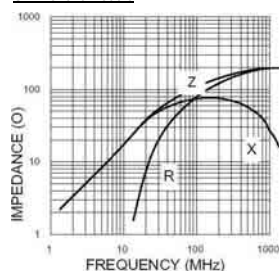
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SCB451616A-750/3



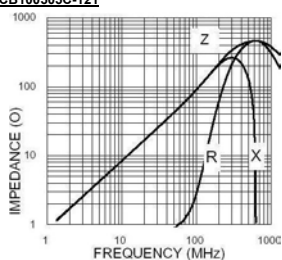
SCB451616A-800/3



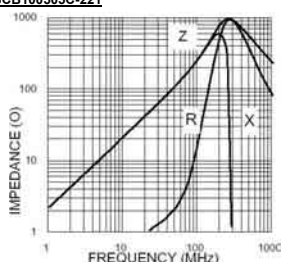
Characteristic-SCB-C

Part No.	Impedance (Ω)	Test Frequency (MHz)	RDC (Ω)	IDC (mA)
SCB100505C-300	30 \pm 25%	100	0.40	200
SCB100505C-600	60 \pm 25%	100	0.50	200
SCB100505C-121	120 \pm 25%	100	0.70	100
SCB100505C-221	220 \pm 25%	100	0.90	100
SCB100505C-301	300 \pm 25%	100	1.00	100
SCB160808C-600	60 \pm 25%	100	0.30	300
SCB160808C-800	80 \pm 25%	100	0.30	200
SCB160808C-121	120 \pm 25%	100	0.30	200
SCB160808C-221	220 \pm 25%	100	0.40	200
SCB160808C-301	300 \pm 25%	100	0.45	200
SCB160808C-601	600 \pm 25%	100	0.65	200
SCB160808C-102	1000 \pm 25%	100	0.80	50
SCB201209C-400	40 \pm 25%	100	0.20	300
SCB201209C-800	80 \pm 25%	100	0.20	300
SCB201209C-121	120 \pm 25%	100	0.25	200
SCB201209C-221	220 \pm 25%	100	0.35	200
SCB201209C-301	300 \pm 25%	100	0.40	200
SCB201209C-601	600 \pm 25%	100	0.50	200
SCB201209C-102	1000 \pm 25%	100	0.60	200
SCB321611C-190	19 \pm 25%	30	0.20	500
SCB321611C-151	150 \pm 25%	100	0.30	300
SCB321611C-301	300 \pm 25%	100	0.30	300
SCB321611C-601	600 \pm 25%	100	0.30	200

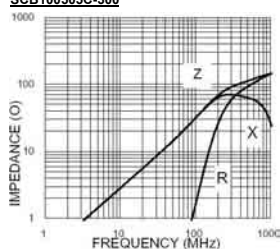
SCB100505C-121



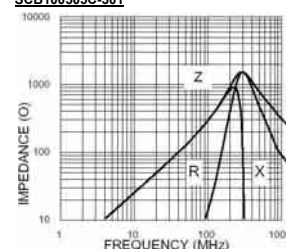
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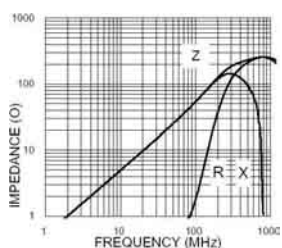
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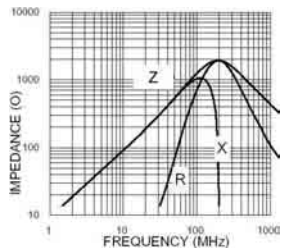
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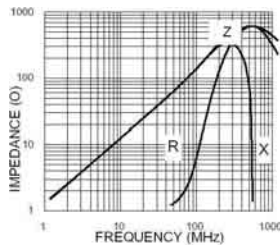
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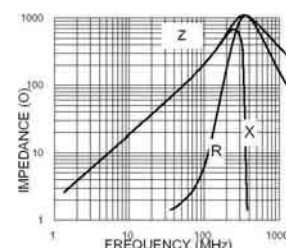
SCB160808C-102



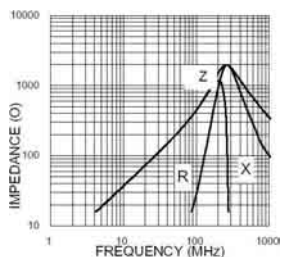
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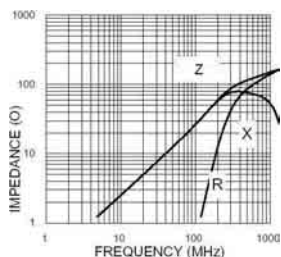
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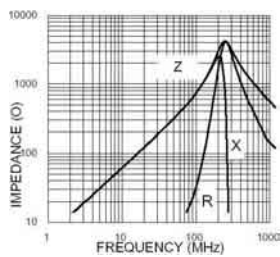
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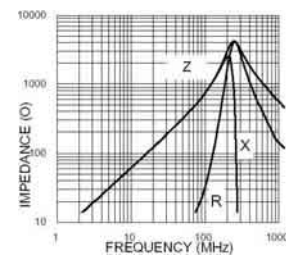
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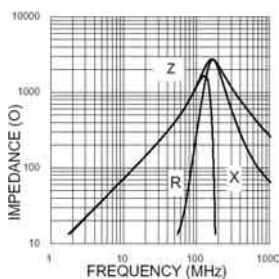
SCB160808C-601



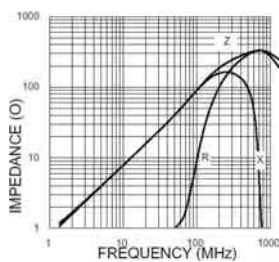
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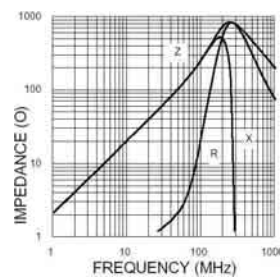
SCB201209C-102



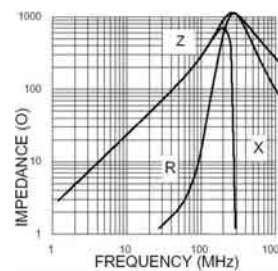
SCB201209C-121



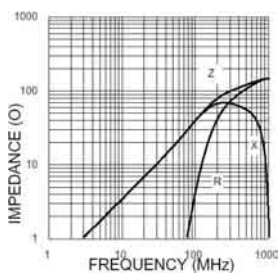
SCB201209C-221



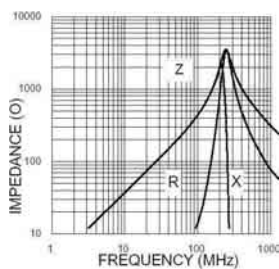
SCB201209C-301



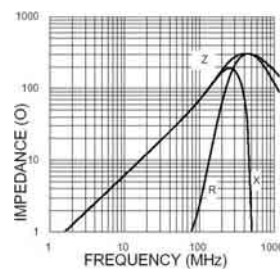
SCB201209C-400



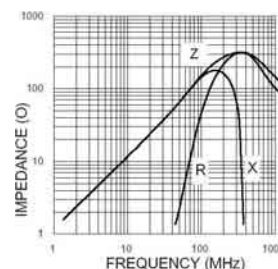
SCB201209C-601



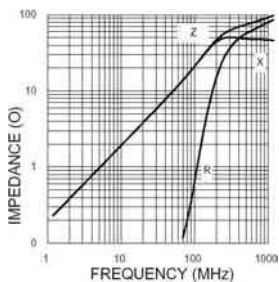
SCB201209C-800



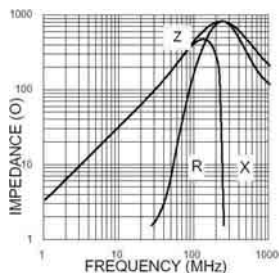
SCB321611C-151



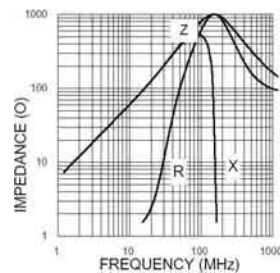
SCB321611C-190



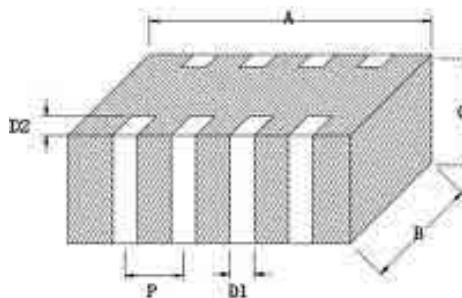
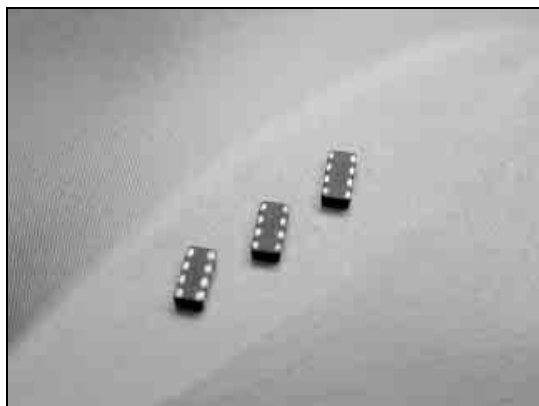
SCB321611C-301



SCB321611C-601



SMD Chip Bead Array – SCA Series

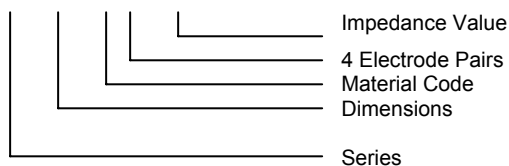


Features

- SCA series consists of 4 circuits
- SCA series is suitable for EMI suppression in small digital equipment
- Excellent solderability and resistance to soldering heat
- Closed magnetic circuit avoids crosstalk

Ordering Information

SCA 3216 K 4-121



Dimensions

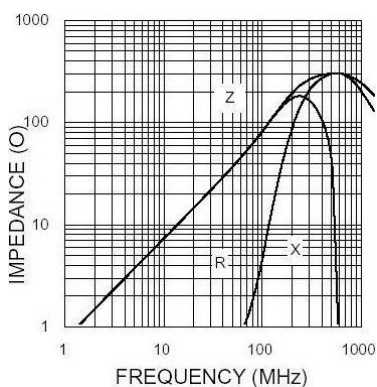
Part No.	A	B	C	D	D1
SCA3216	3.2 ± 0.2	1.6 ± 0.2	0.8 ± 0.2	0.4 ± 0.2	0.4 ± 0.2
	D2	P			
	0.3 ± 0.2	0.8 ± 0.1			
QTY/REEL	3000pcs.				

Characteristics

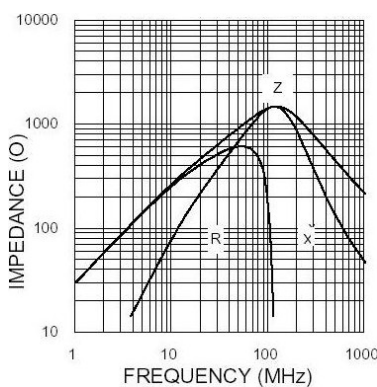
Part No.	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω)Max.	Rated Current (mA)Max.
SCA3216K4-300	$30 \pm 25\%$	100	0.10	200
SCA3216K4-600	$60 \pm 25\%$	100	0.25	200
SCA3216K4-121	$120 \pm 25\%$	100	0.30	150
SCA3216K4-221	$220 \pm 25\%$	100	0.30	150
SCA3216K4-301	$300 \pm 25\%$	100	0.40	150
SCA3216K4-601	$600 \pm 25\%$	100	0.50	100
SCA3216K4-102	$1000 \pm 25\%$	100	0.70	50
SCA3216M4-121	$120 \pm 25\%$	100	0.40	150
SCA3216M4-221	$220 \pm 25\%$	100	0.45	150
SCA3216M4-301	$300 \pm 25\%$	100	0.50	150
SCA3216M4-471	$470 \pm 25\%$	100	0.55	100
SCA3216M4-601	$600 \pm 25\%$	100	0.65	100



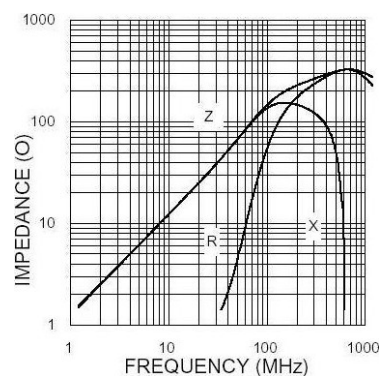
SCA3216K4-121



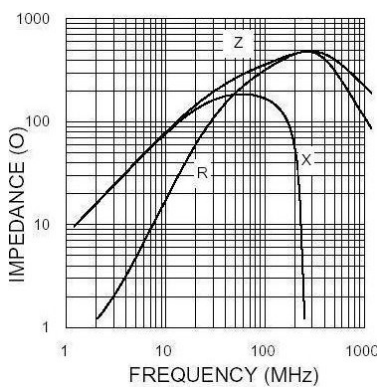
SCA3216K4-102



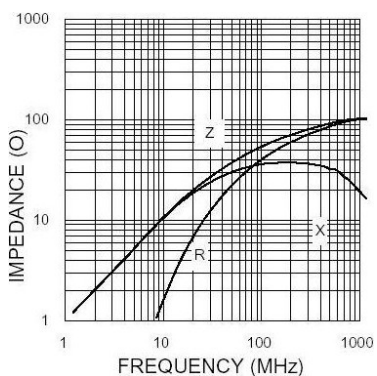
SCA3216M4-121



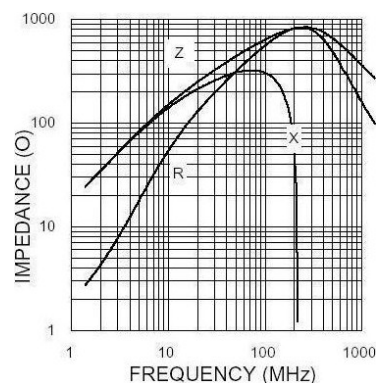
SCA3216K4-301



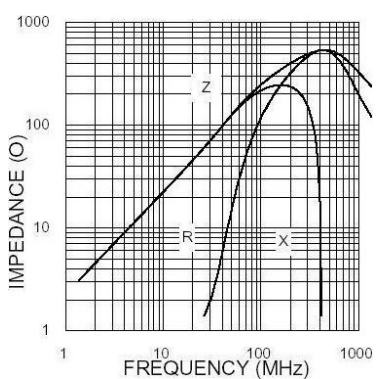
SCA3216K4-600



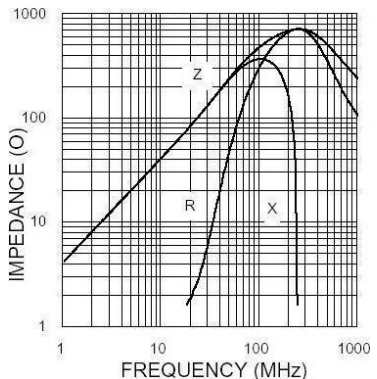
SCA3216K4-601



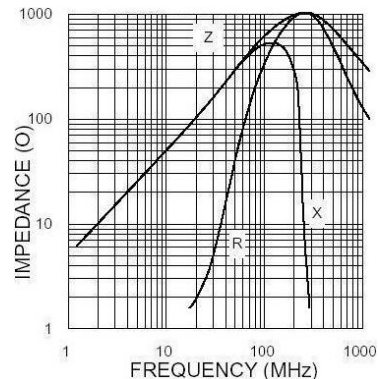
SCA3216M4-221



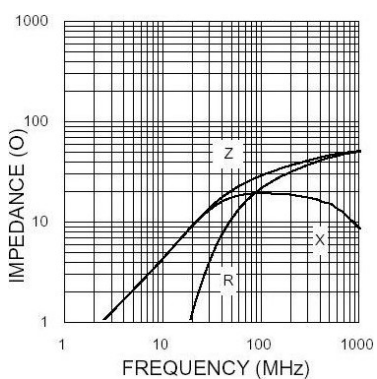
SCA3216M4-301



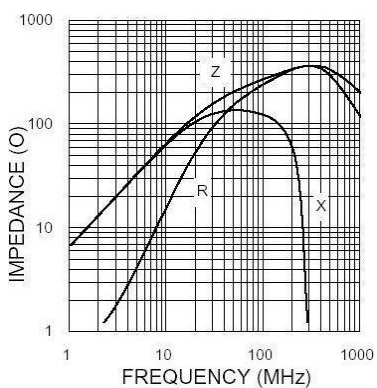
SCA3216M4-47



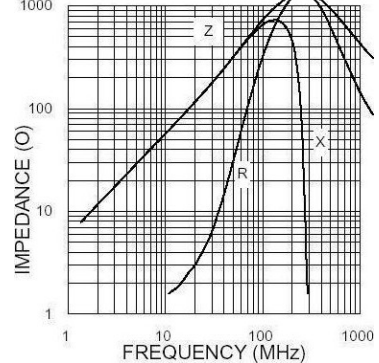
SCA3216K4-300



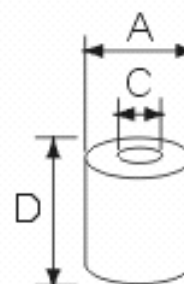
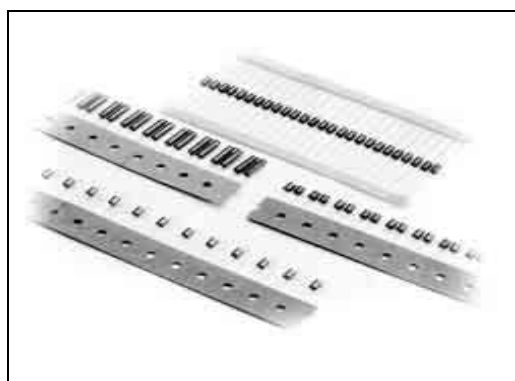
SCA3216K4-221



SCA3216M4-601



Ferrite Bead – SFB Series



Features

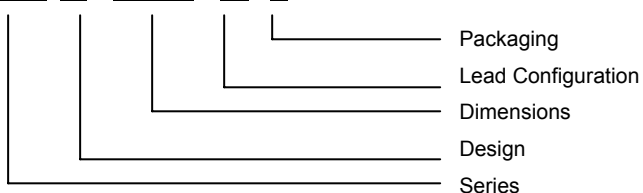
- Employ high-performance ferrites with superior frequency characteristics
- prevents intrusion and radiation of unnecessary signals into the clock pulse os-cillation section. Prevents spike noise

Package

- R – Reel 5000pcs./Reel
- M – Box 2000pcs./Box
- Z – Ammo Pack
- B – Bulk

Ordering Information

SFBS 13 – 350860 – T5 - R

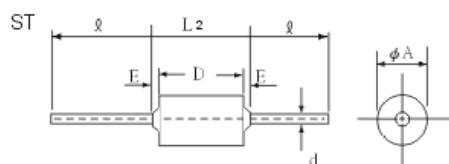


Characteristics

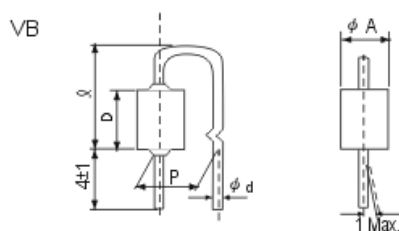
Part No.	Lead Configuration	Impedance (Ω) min		Curve	
		25MHz	100MHz		
SFBS13-250845	T5,T2,VT, RT,UT, VB,RB,UB,ST FD,FE,FF	32	50	1	
SFBS13-350830		25	45	2	
SFBS13-350847		35	60	3	
SFBS13-350860		45	72	4	
SFBS13-350875		60	120	5	
SFBS13-350880		75	123	6	
SFBS13-350883		62	125	7	
SFBS13-350890		50	93	8	
SFBD13-350847		WT,WB	70	110	9
SFBD13-350860			90	150	10
SFBD13-350875	135		218	11	
SFBD13-350883	124		240	12	
SFBD13-350883	108		235	13	
SFBD13-350890	150		250	14	
SFBR13-235575	ST,SB	80	150	15	

T5		ST	
T2		F □	FD FE FF
VT		VB	
RT		RB	
UT		UB	
WT		WB	
ST		SB	

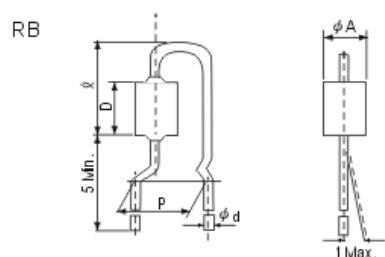
Dimensions



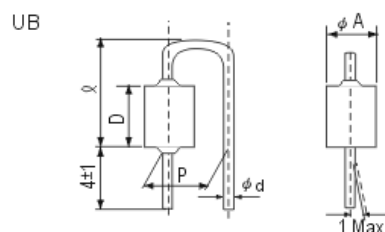
Part No.	A	D	E	d	l
SFBS13-250845-ST	2.5 ± 0.15	4.5 ± 0.3	2.0 max.	0.65 ± 0.05	18.0 min.
SFBS13-350847-ST	3.5 ± 0.15	4.7 ± 0.3	2.0 max.		
SFBS13-350860-ST	3.5 ± 0.15	6.0 ± 0.3	2.5 max.		
SFBS13-350890-ST	3.5 ± 0.15	9.0 ± 0.4	2.5 max.		



Part No.	A	D	P	d	l
SFBS13-350847-VB	3.5 ± 0.15	4.7 ± 0.3	5.0 ± 1.0	0.6 ± 0.05	9.0 max.

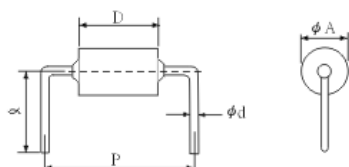


Part No.	A	D	P	d	l
SFBS13-350847-RB	3.5 ± 0.15	4.7 ± 0.3	5.0 ± 1.0	0.65 ± 0.05	12.5 max.
SFBS13-350860-RB	3.5 ± 0.15	6.0 ± 0.3	5.0 ± 1.0		12.5 max.
SFBS13-350890-RB	3.5 ± 0.15	9.0 ± 0.3	5.0 ± 1.0		16.0 max.



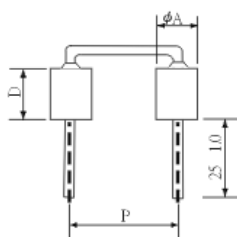
Part No.	A	D	P	d	l
SFBS13-250845-UB	2.5 ± 0.15	4.5 ± 0.3	5.0 ± 1.0	0.65 ± 0.05	9.0 max.
SFBS13-350847-UB	3.5 ± 0.15	4.7 ± 0.3	5.0 ± 1.0		9.0 max.

FD,FE,FF



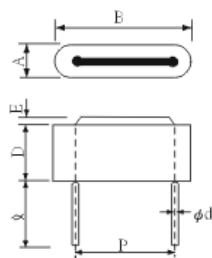
Part No.	A	D	P	d	l
SFBS13-250845-FD	2.5 ± 0.15	4.5 ± 0.3	10.0 ± 1.0	0.65 ± 0.05	7.0 ± 2.0
SFBS13-350847-FD	3.5 ± 0.15	4.7 ± 0.3	10.0 ± 1.0		7.5 ± 2.0
SFBS13-350860-FD	3.5 ± 0.15	6.0 ± 0.3	10.0 ± 1.0		7.5 ± 2.0
SFBS13-250845-FE	2.5 ± 0.15	4.5 ± 0.3	12.5 ± 0.5		7.0 ± 2.0
SFBS13-350847-FE	3.5 ± 0.15	4.7 ± 0.3	12.5 ± 0.5		7.5 ± 2.0
SFBS13-350860-FE	3.5 ± 0.15	6.0 ± 0.3	12.5 ± 0.5		7.5 ± 2.0
SFBS13-350890-FE	3.5 ± 0.15	9.0 ± 0.4	12.5 ± 0.5		7.5 ± 2.0
SFBS13-250845-FE	2.5 ± 0.15	4.5 ± 0.3	15.0 ± 0.1		7.0 ± 2.0
SFBS13-350847-FE	3.5 ± 0.15	4.7 ± 0.3	15.0 ± 0.1		7.5 ± 2.0
SFBS13-350860-FE	3.5 ± 0.15	6.0 ± 0.3	15.0 ± 0.1		7.5 ± 2.0
SFBS13-350890-FE	3.5 ± 0.15	9.0 ± 0.4	15.0 ± 0.1		7.5 ± 2.0

WB



Part No.	A	D	P	d
SFBD13-350847-WB	3.5 ± 0.15	4.7 ± 0.3	5.0 +0.8 -0.3	0.65 ± 0.03
SFBD13-350860-WB	3.5 ± 0.15	6.0 ± 0.3	5.0 +0.8 -0.3	
SFBD13-350875-WB	3.5 ± 0.15	7.5 ± 0.3	5.0 +0.8 -0.3	
SFBD13-350883-WB	3.5 ± 0.15	8.3 ± 0.3	5.0 +0.8 -0.3	
SFBD13-350883-WB	3.5 ± 0.15	8.3 ± 0.3	5.0 +0.8 -0.3	
SFBD13-350890-WB	3.5 ± 0.15	9.0 ± 0.4	5.0 +0.8 -0.3	

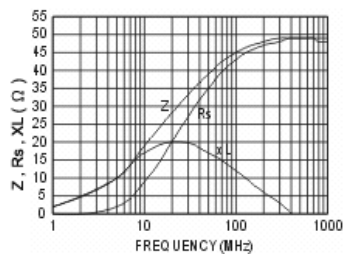
SB



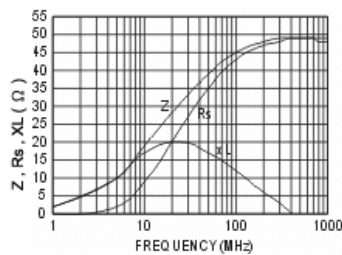
Part No.	A	B	D	E	P	d	l
SFBR13-235575-SB	2.5 max.	7.5 ± 0.5	5.5	1.5 max.	5.0 +1.0 -0.5	0.65 ± 0.03	5.0 +1.0 -2.0



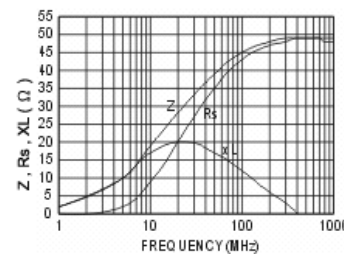
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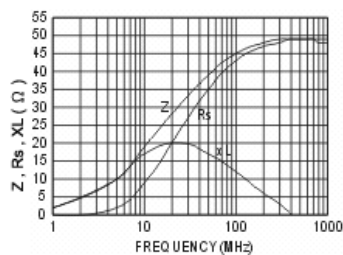
2



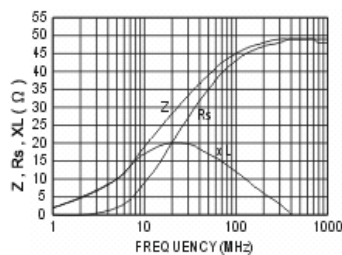
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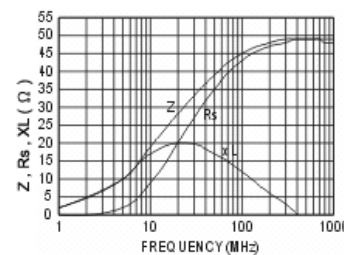
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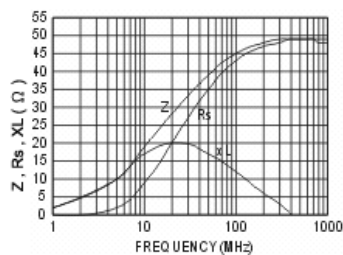
5



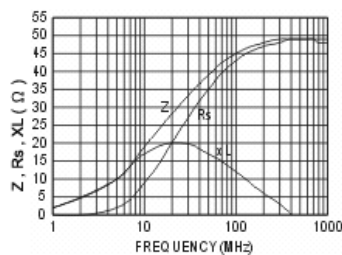
6



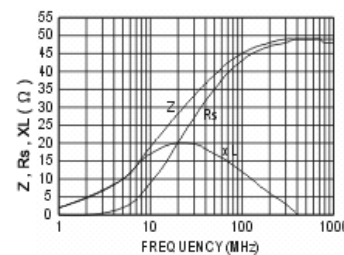
7



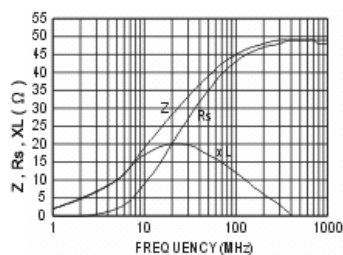
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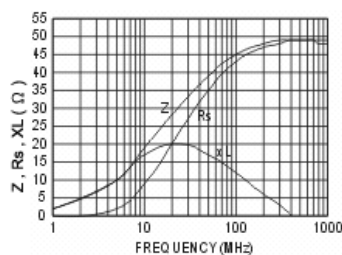
9



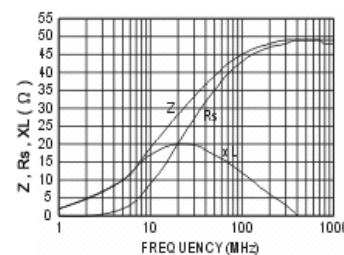
10



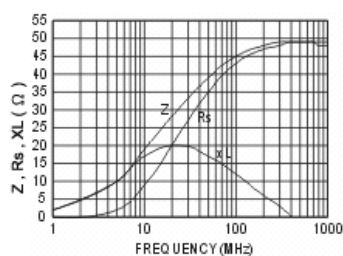
11



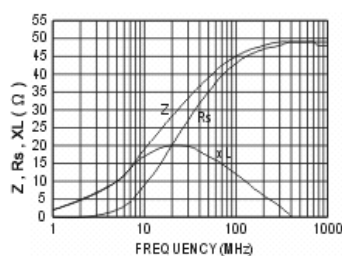
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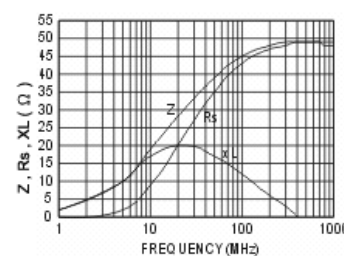
13



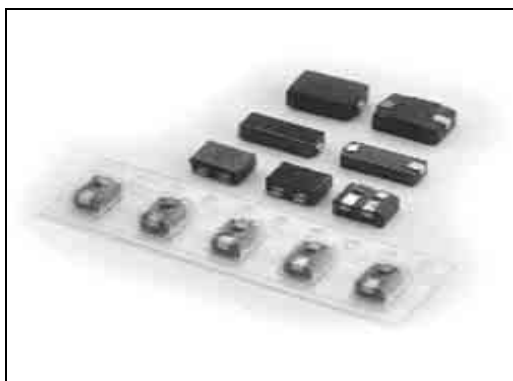
14



15



SMD Common Mode Bead – SSMB Series

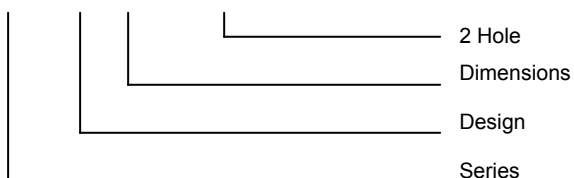


Features

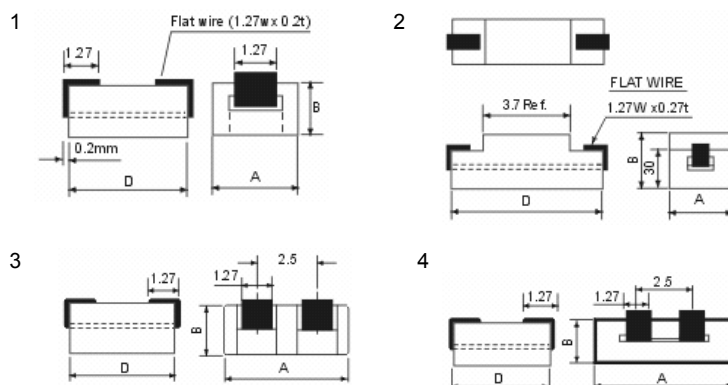
- Supplied taped and reeled per EIA standard
- Applications: Computer disk drive and PC board to filter the EMI from outside source. Car radio, mobile phone.

Ordering Information

SSMB 03-562545 -2H



Shapes

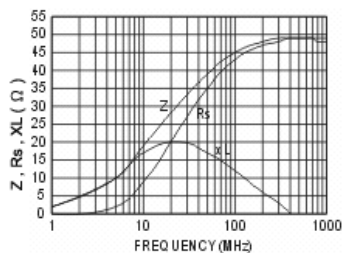


Characteristics

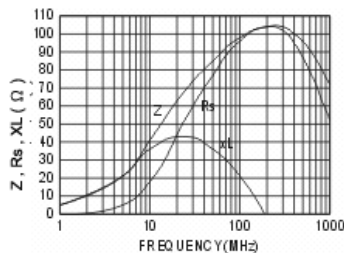
Part No.	Shape	A	B	D	Impedance (Ω) min		Curve
					25MHz	100MHz	
SSMB13-302540	1	3.18	2.67	4.0 ± 0.25	24	36	1
SSMB12-302585	1	3.18	2.67	8.5 ± 0.25	48	72	2
SSMB03-472976	2	$5.0 +0 -0.5$	$3.45 +0 -0.3$	7.6 ± 0.1	60	90	3
SSMB13-472976	2	$5.0 +0 -0.5$	$3.45 +0 -0.3$	7.6 ± 0.1	58	80	4
SSMB13-562540-2H	3	5.6 ± 0.2	2.5 ± 0.2	4.0 ± 0.25	22	35	5
SSMB03-562545-2H	3	5.6 ± 0.2	2.5 ± 0.2	4.5 ± 0.25	24	36	6
SSMB04-562545-2H	3	5.6 ± 0.2	2.5 ± 0.2	4.5 ± 0.25	18	36	7
SSMB50-562545-2H	3	5.6 ± 0.2	2.5 ± 0.2	4.5 ± 0.25	24	32	8
SSMB47-562585-2H	3	5.6 ± 0.2	2.5 ± 0.2	8.5 ± 0.25	24	35	9
SSMB47-572685-1H2W	4	$5.7 +0.1 -0.5$	$2.6 +0.1 -0.2$	8.47 ± 0.1	48	70	10
SSMB47-562540-2H	3	6.0 ± 0.2	2.5 ± 0.2	4.0 ± 0.25	24	35	11



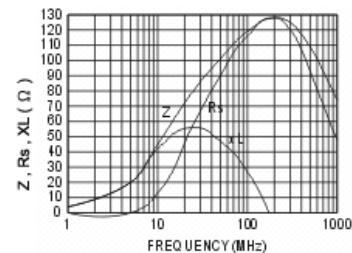
1



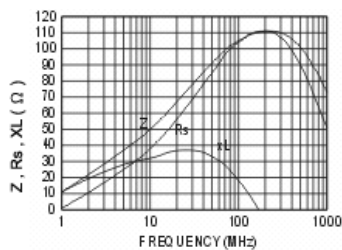
2



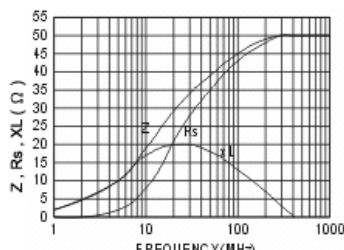
3



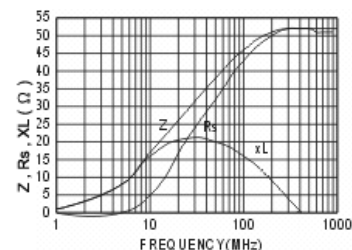
4



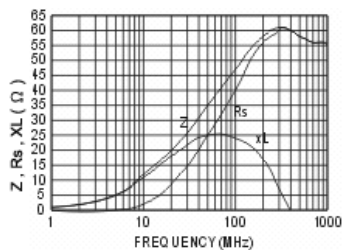
5



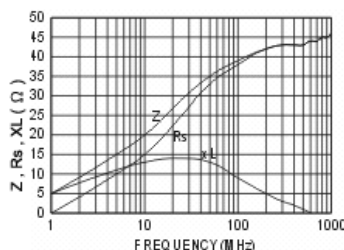
6



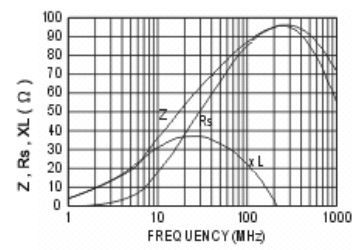
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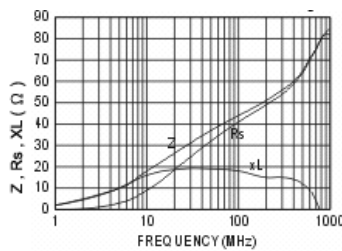
8



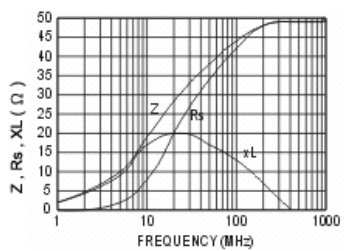
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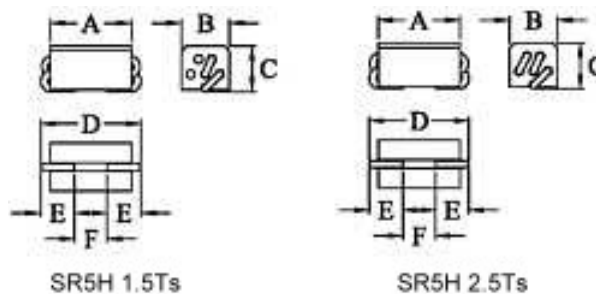
10



11



5-Hole Ferrite Bead – SR5H Series



Features

- SR5H series is SMD version of SR6H

Ordering Information

SR5H 1.5Ts



Dimensions

Core	A	B	C	D	E	F
SR5H	8.5 ± 0.25	5.0 ± 0.25	4.6 ± 0.20	11 Max.	3 ± 0.10	2 Min.

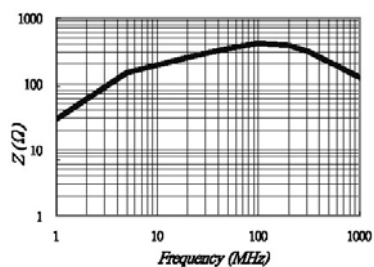
Package

Type	SR5H1.5Ts	SR5H2.5Ts
Bag	250pcs.	250pcs.
Box	1500pcs.	1500pcs.

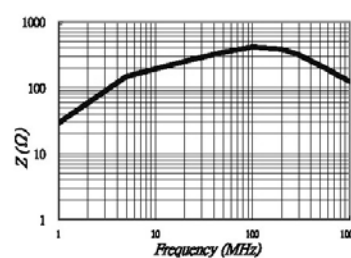
Series

Part No.	Turns (Ts)	RDC (mΩ)	Typical Impedance (Ω)		
			10MHz	50MHz	100MHz
SR5H1.5Ts	1.5	7.5	230 Ref.	400 Ref.	430 Ref.
SR5H2.5Ts	2.5	7.5	300 Ref.	625 Ref.	600 Ref.

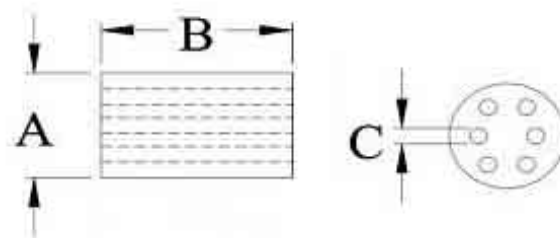
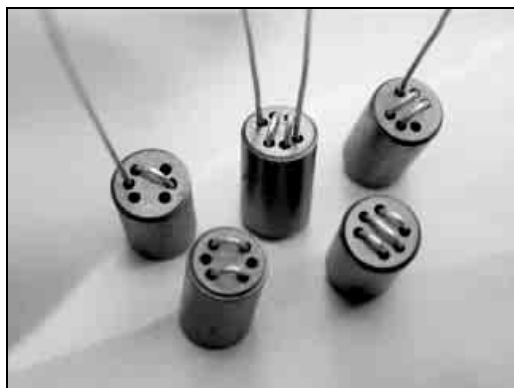
SR5H 1.5Ts



SR5H 2.5Ts



6-Hole Ferrite Bead – SR6H Series

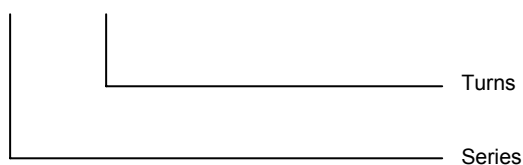


Features

- Compact, medium current, high impedance → EMI suppression component
- Wide Band Core used in PC products to filter EMI

Ordering Information

SR6H – 1.5Ts

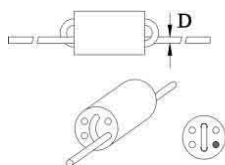


Dimensions

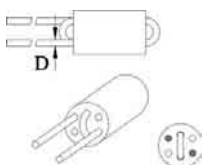
Core	A	B	C	D			
SR6H 6x10	6.0 ± 0.25	10.0 ± 0.30	0.9 ± 0.15	0.5 ± 0.05			
Turns	1.5Ts	2Ts	2.5Ts	3Ts	1.5Ts X2	2.5Ts U	3Ts U
Package	Bulk: 250pcs. / Bag; 1 Box = 6 Bags (1500pcs.)						

Shapes

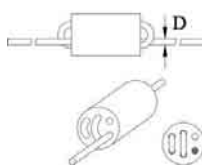
1.5Ts



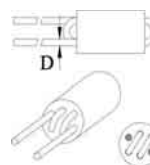
2Ts



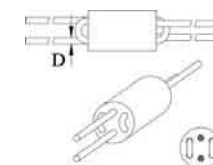
2.5Ts



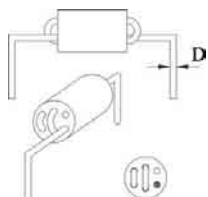
3Ts



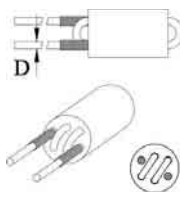
1.5Ts x2



2.5Ts U



3Ts U

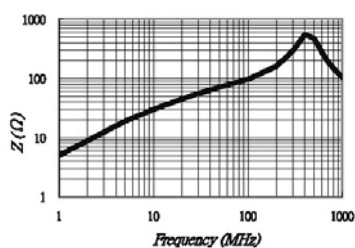


6-Hole Ferrite Bead – SR6H Series

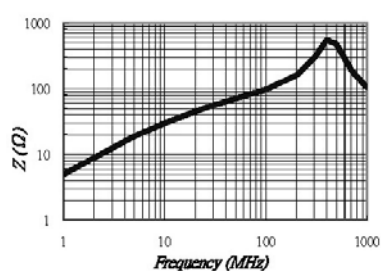
Part No.	Turns (Ts)	Typical Impedance (Ω)		
		10MHz (min)	25MHz (min)	100MHz (min)
SR6H1.0Ts	1.0	58	182	233
SR6H1.5Ts	1.5	170	320	375
SR6H2.0Ts	2.0	240	520	480
SR6H2.5Ts	2.5	320	680	580
SR6H2.5Ts	2.5	400	680	580
SR6H3.0Ts	3.0	400	800	550
SR6H1.5Tsx2	1.5x2	170	320	375

Characteristics

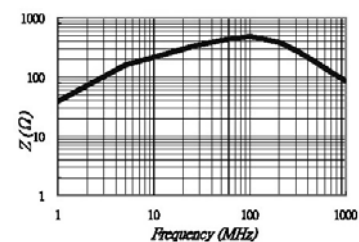
A6 SR6H 2.5Ts



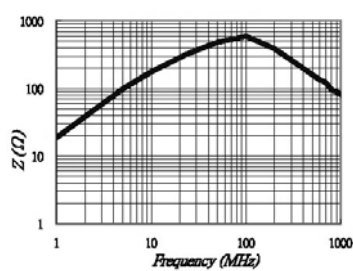
K5B SR6H 1.0Ts



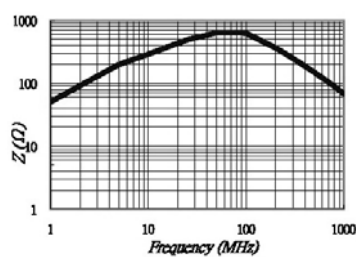
K5B SR6H 1.5Ts



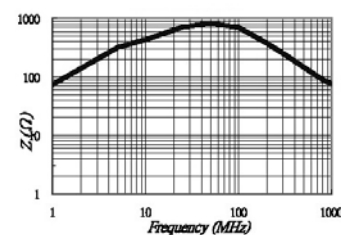
K5B SR6H 1.5Tsx2



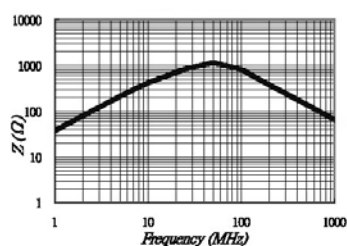
K5B SR6H 2.0Ts



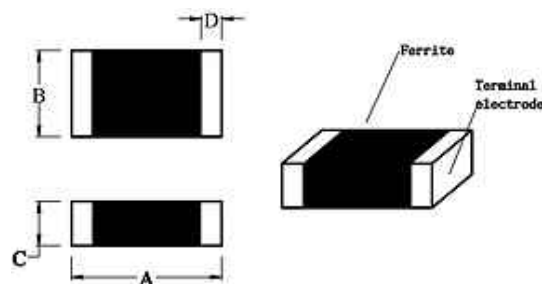
K5B SR6H 2.5Ts



K5B SR6H 3.0Ts



SMD Multilayer Chip Inductor – SCI Series

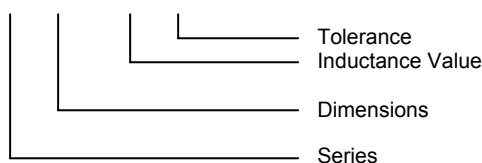


Features

- SCI Series provides an effective solution for dense packed PCB designs
- Excellent solderability and high heat resistance for either flow or reflow soldering
- Closed magnetic circuit avoids crosstalk

Ordering Information

SCI 1608-4R7 K



Dimensions

Part No.	A	B	C	D
SCI1608 (0603)	1.6 ± 0.2	0.8 ± 0.2	0.80 ± 0.2	0.3 ± 0.2
SCI2012 (0805) 47N-2R2	2.0 ± 0.2	1.2 ± 0.2	0.90 ± 0.2	0.5 ± 0.3
SCI2012 (0805) 2R7-150	2.0 ± 0.2	1.2 ± 0.2	1.20 ± 0.2	0.5 ± 0.3
SCI2012 (0805) 180-470	2.0 ± 0.2	1.2 ± 0.2	1.25 ± 0.2	0.5 ± 0.3
SCI3216 (1206)	3.2 ± 0.2	1.6 ± 0.2	1.10 ± 0.2	0.3 ± 0.3

SIZE	SCI1608	SCI2012 (47N-2R2)	SCI2012 (2R7-470)	SCI3216
QTY/REEL	4000pcs.	4000pcs.	2000pcs.	3000pcs.

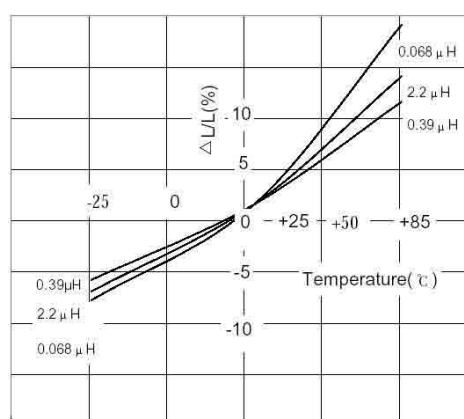
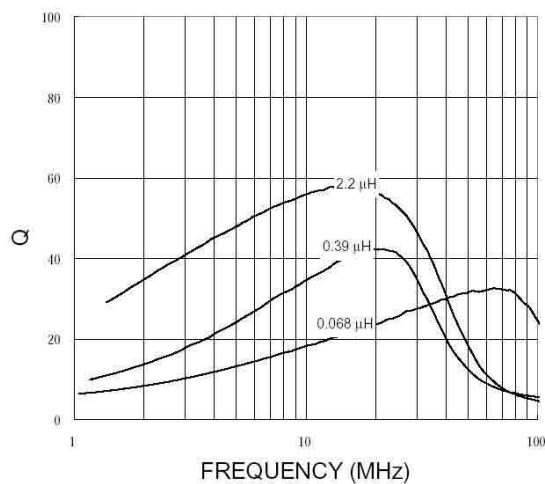
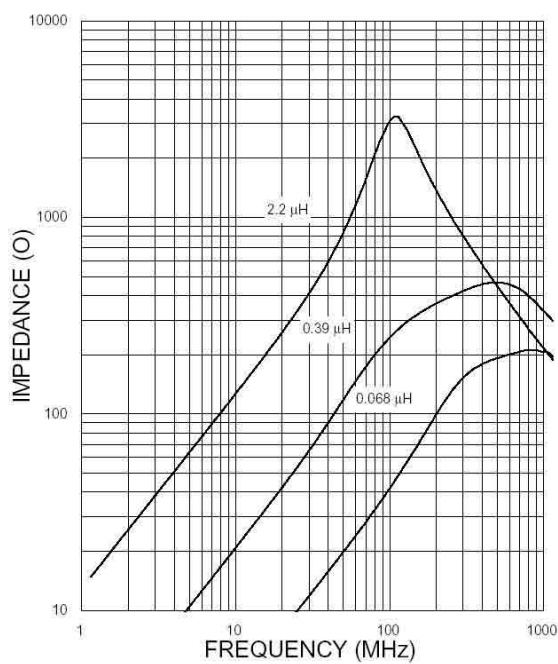
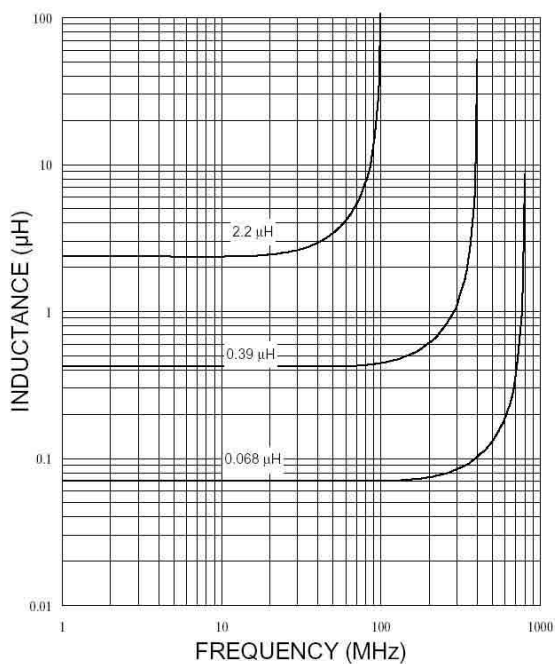
Characteristics-SCI1608

All Series: Tolerance: K = ± 10%; M = ± 20%

Part No.	Inductance (µH)	Tolerance	Q (min)	Test Frequency (MHz)	SRF Min. (MHz)	RDC Max. (Ω)	IDC Max. (mA)
SCI1608-47NM	0.047	M	10	50	260	0.30	50
SCI1608-68NM	0.068	M	10	50	250	0.30	50
SCI1608-R10 □	0.100	K / M	15	25	240	0.50	50
SCI1608-R12 □	0.120	K / M	15	25	205	0.50	50
SCI1608-R15 □	0.150	K / M	15	25	180	0.60	50
SCI1608-R18 □	0.180	K / M	15	25	165	0.60	50
SCI1608-R22 □	0.220	K / M	15	25	150	0.80	50
SCI1608-R27 □	0.270	K / M	15	25	136	0.80	50
SCI1608-R33 □	0.330	K / M	15	25	125	0.85	35
SCI1608-R39 □	0.390	K / M	15	25	110	1.00	35
SCI1608-R47 □	0.470	K / M	15	25	105	1.35	35
SCI1608-R56 □	0.560	K / M	15	25	95	1.55	35
SCI1608-R68 □	0.680	K / M	15	25	90	1.70	35
SCI1608-R82 □	0.820	K / M	15	25	85	2.10	35
SCI1608-1R0 □	1.000	K / M	35	10	75	0.60	25
SCI1608-1R2 □	1.200	K / M	35	10	65	0.80	25
SCI1608-1R5 □	1.500	K / M	35	10	60	0.80	25
SCI1608-1R8 □	1.800	K / M	35	10	55	0.95	25
SCI1608-2R2 □	2.200	K / M	35	10	50	1.15	15
SCI1608-2R7 □	2.700	K / M	35	10	45	1.35	15
SCI1608-3R3 □	3.300	K / M	35	10	40	1.55	15
SCI1608-3R9 □	3.900	K / M	35	10	35	1.70	15
SCI1608-4R7 □	4.700	K / M	35	10	33	2.10	15
SCI1608-5R6 □	5.600	K / M	35	4	22	1.55	5
SCI1608-6R8 □	6.800	K / M	35	4	20	1.70	5
SCI1608-8R2 □	8.200	K / M	35	4	18	2.10	5
SCI1608-100 □	10.00	K / M	30	2	17	1.85	3
SCI1608-120 □	12.00	K / M	30	2	15	2.10	3
SCI1608-150 □	15.00	K / M	20	1	14	1.70	1



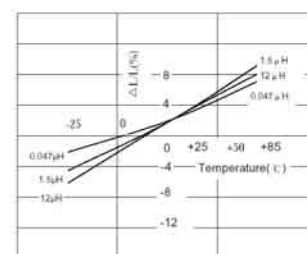
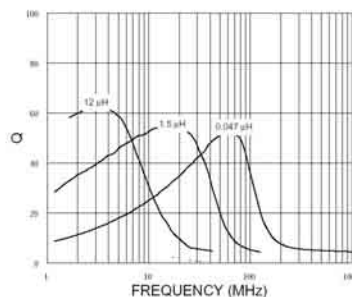
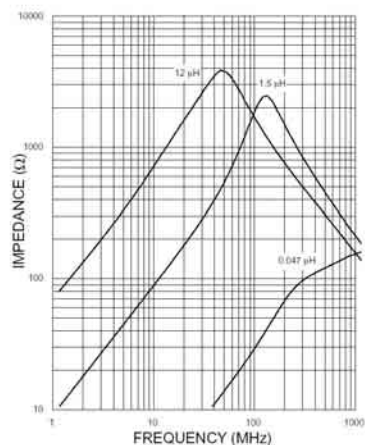
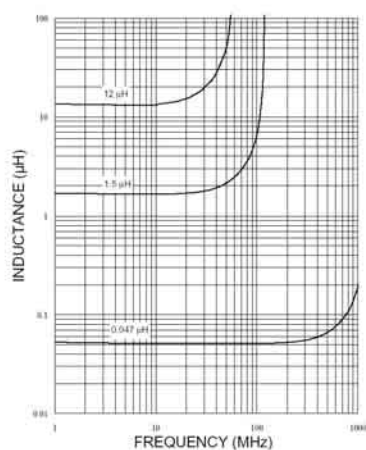
Characteristics-SCI1608



Characteristics-SCI2012

Part No.	Inductance (μH)	Tolerance	Thickness (mm)	Q (min)	Test Frequency (MHz)	SRF Min. (MHz)	RDC Max. (Ω)	IDC Max. (mA)
SCI2012-47NM	0.047	M	0.90 ± 0.2	15	50	320	0.20	300
SCI2012-68NM	0.068	M	0.90 ± 0.2	15	50	280	0.20	300
SCI2012-R10 □	0.100	K / M	0.90 ± 0.2	20	25	235	0.30	250
SCI2012-R12 □	0.120	K / M	0.90 ± 0.2	20	25	220	0.30	250
SCI2012-R15 □	0.150	K / M	0.90 ± 0.2	20	25	200	0.40	250
SCI2012-R18 □	0.180	K / M	0.90 ± 0.2	20	25	185	0.40	250
SCI2012-R22 □	0.220	K / M	0.90 ± 0.2	20	25	170	0.50	250
SCI2012-R27 □	0.270	K / M	0.90 ± 0.2	20	25	150	0.50	250
SCI2012-R33 □	0.330	K / M	0.90 ± 0.2	20	25	145	0.55	250
SCI2012-R39 □	0.390	K / M	0.90 ± 0.2	25	25	135	0.65	200
SCI2012-R47 □	0.470	K / M	0.90 ± 0.2	25	25	125	0.65	200
SCI2012-R56 □	0.560	K / M	0.90 ± 0.2	25	25	115	0.75	150
SCI2012-R68 □	0.680	K / M	0.90 ± 0.2	25	25	105	0.80	150
SCI2012-R82 □	0.820	K / M	0.90 ± 0.2	25	25	100	1.00	150
SCI2012-1R0 □	1.000	K / M	0.90 ± 0.2	45	10	75	0.40	50
SCI2012-1R2 □	1.200	K / M	0.90 ± 0.2	45	10	65	0.50	50
SCI2012-1R5 □	1.500	K / M	0.90 ± 0.2	45	10	60	0.50	50
SCI2012-1R8 □	1.800	K / M	0.90 ± 0.2	45	10	55	0.60	50
SCI2012-2R2 □	2.200	K / M	0.90 ± 0.2	45	10	50	0.65	30
SCI2012-2R7 □	2.700	K / M	1.20 ± 0.2	45	10	45	0.75	30
SCI2012-3R3 □	3.300	K / M	1.20 ± 0.2	45	10	41	0.80	30
SCI2012-3R9 □	3.900	K / M	1.20 ± 0.2	45	10	38	0.90	30
SCI2012-4R7 □	4.700	K / M	1.20 ± 0.2	45	10	35	1.00	30
SCI2012-5R6 □	5.600	K / M	1.20 ± 0.2	50	4.0	32	0.90	15
SCI2012-6R8 □	6.800	K / M	1.20 ± 0.2	50	4.0	29	1.00	15
SCI2012-8R2 □	8.200	K / M	1.20 ± 0.2	50	2.0	26	1.10	15
SCI2012-100 □	10.00	K / M	1.20 ± 0.2	50	2.0	24	1.15	15
SCI2012-120 □	12.00	K / M	1.20 ± 0.2	50	2.0	22	1.25	15
SCI2012-150 □	15.00	K / M	1.20 ± 0.2	30	1.0	19	0.80	5
SCI2012-180 □	18.00	K / M	1.25 ± 0.2	30	1.0	18	0.90	5
SCI2012-220 □	22.00	K / M	1.25 ± 0.2	30	1.0	16	1.10	5
SCI2012-270 □	27.00	K / M	1.25 ± 0.2	30	1.0	14	1.15	5
SCI2012-330 □	33.00	K / M	1.25 ± 0.2	30	0.4	13	1.25	5
SCI2012-390 □	39.00	K / M	1.25 ± 0.2	35	1.0	8	2.90	4
SCI2012-470 □	47.00	K / M	1.25 ± 0.2	35	1.0	8	3.00	4

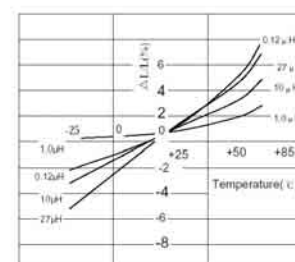
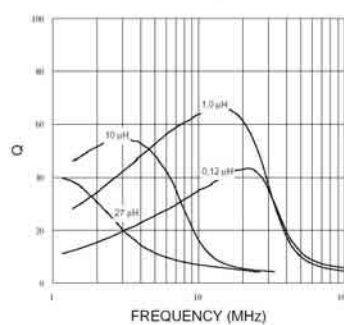
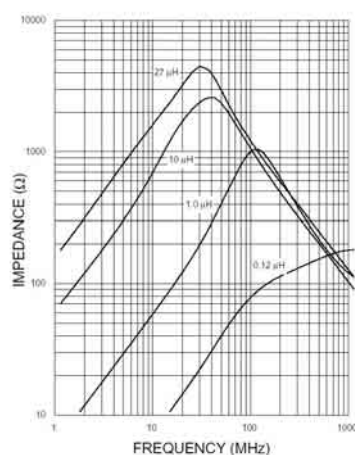
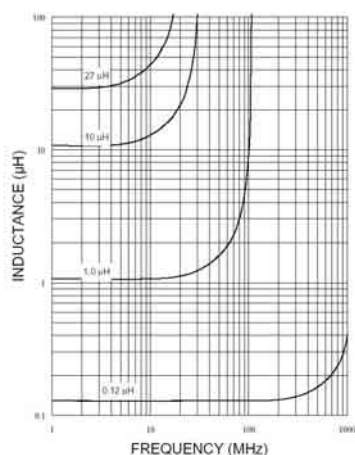
Please note SCI2012 Series thickness, there are three types of thickness in this series.



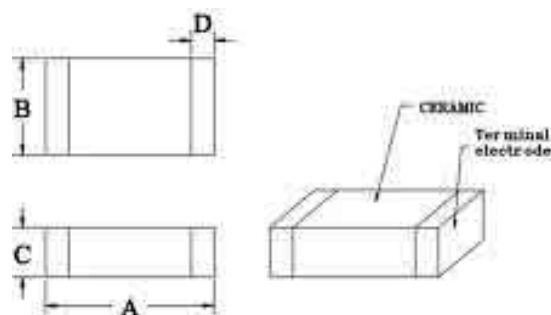


Characteristics-SCI3216

Part No.	Inductance (μH)	Tolerance	Q (min)	Test Frequency (MHz)	SRF Min. (MHz)	RDC Max. (Ω)	IDC Max. (mA)
SCI3216-47NM	0.047	M	20	50	320	0.15	300
SCI3216-68NM	0.068	M	20	50	280	0.25	300
SCI3216-R10 □	0.100	K / M	20	25	235	0.25	250
SCI3216-R12 □	0.120	K / M	20	25	220	0.30	250
SCI3216-R15 □	0.150	K / M	20	25	200	0.30	250
SCI3216-R18 □	0.180	K / M	20	25	185	0.40	250
SCI3216-R22 □	0.220	K / M	20	25	170	0.40	250
SCI3216-R27 □	0.270	K / M	20	25	150	0.50	250
SCI3216-R33 □	0.330	K / M	20	25	145	0.60	250
SCI3216-R39 □	0.390	K / M	25	25	135	0.50	200
SCI3216-R47 □	0.470	K / M	25	25	125	0.60	200
SCI3216-R56 □	0.560	K / M	25	25	115	0.70	150
SCI3216-R68 □	0.680	K / M	25	25	105	0.80	150
SCI3216-R82 □	0.820	K / M	25	25	100	0.90	150
SCI3216-1R0 □	1.000	K / M	45	10	75	0.40	100
SCI3216-1R2 □	1.200	K / M	45	10	65	0.50	100
SCI3216-1R5 □	1.500	K / M	45	10	60	0.50	50
SCI3216-1R8 □	1.800	K / M	45	10	55	0.50	50
SCI3216-2R2 □	2.200	K / M	45	10	50	0.60	50
SCI3216-2R7 □	2.700	K / M	45	10	45	0.60	50
SCI3216-3R3 □	3.300	K / M	45	10	41	0.70	50
SCI3216-3R9 □	3.900	K / M	45	10	38	0.80	50
SCI3216-4R7 □	4.700	K / M	45	10	35	0.90	50
SCI3216-5R6 □	5.600	K / M	50	4.0	32	0.70	25
SCI3216-6R8 □	6.800	K / M	50	4.0	29	0.80	25
SCI3216-8R2 □	8.200	K / M	50	4.0	26	0.90	25
SCI3216-100 □	10.00	K / M	50	2.0	24	1.00	25
SCI3216-120 □	12.00	K / M	50	2.0	22	1.05	15
SCI3216-150 □	15.00	K / M	35	1.0	19	0.70	5
SCI3216-180 □	18.00	K / M	35	1.0	18	0.70	5
SCI3216-220 □	22.00	K / M	35	1.0	16	0.90	5
SCI3216-270 □	27.00	K / M	35	1.0	14	0.90	5
SCI3216-330 □	33.00	K / M	35	1.0	13	1.05	5
SCI3216-390 □	39.00	K / M	40	2.0	11	3.00	10
SCI3216-470 □	47.00	K / M	40	2.0	10	3.40	10
SCI3216-560 □	56.00	K / M	40	2.0	9.5	3.80	10



SMD RF Multilayer Chip Inductor – SCI-C Series

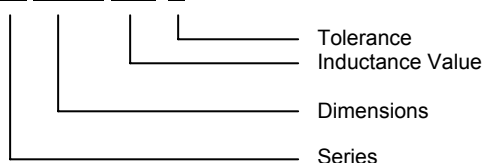


Features

- Miscellaneous high-frequency circuits
- EMI countermeasure in high-frequency circuits
- High SRF up to 6GHz and above

Ordering Information

SCI 1005C-4N7 K



Dimensions

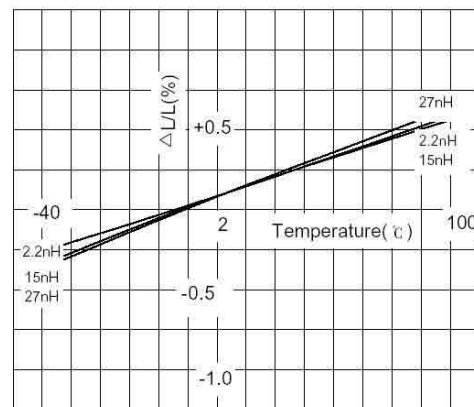
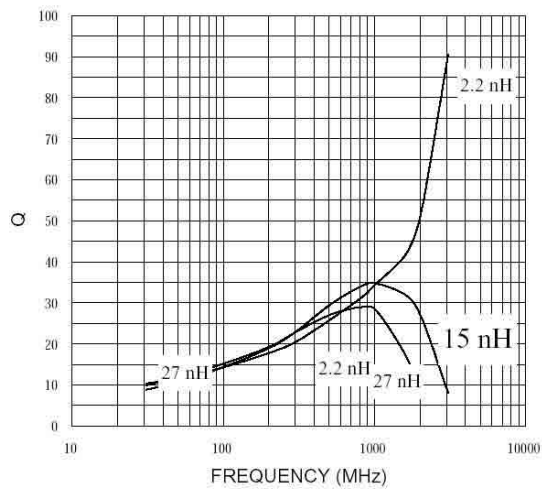
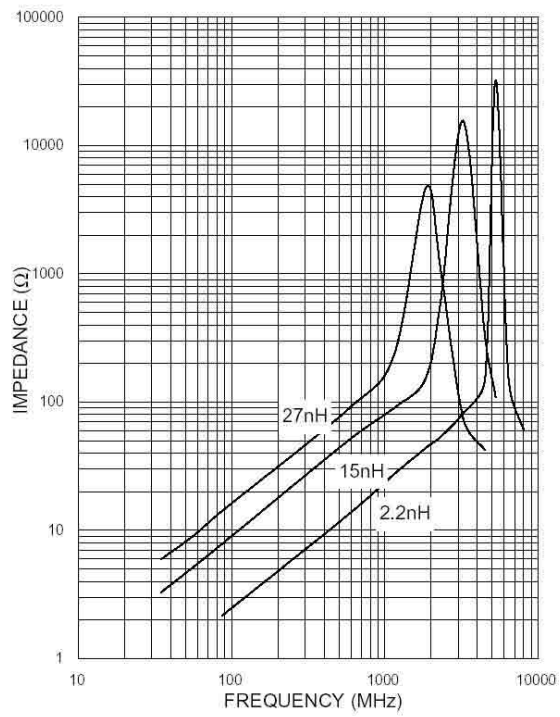
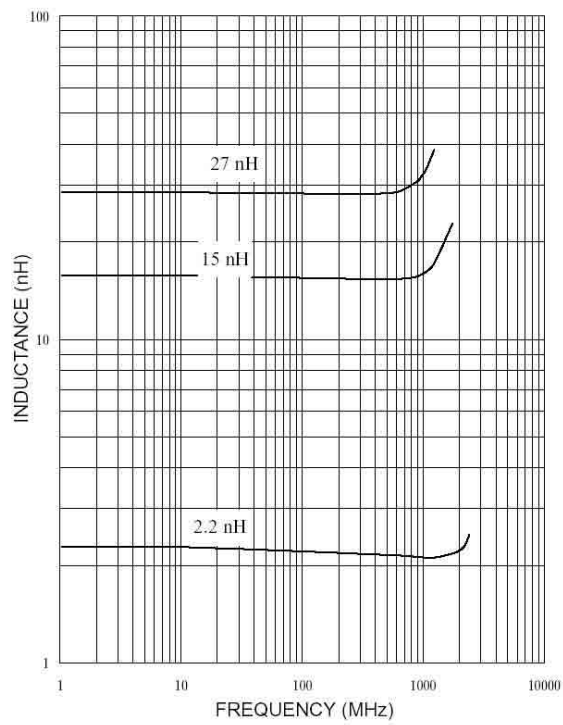
Part No.	A	B	C	D
SCI1005C (0402)	1.0 ± 0.1	0.5 ± 0.1	0.5 ± 0.1	0.1 Min
SCI1608C (0603)	1.6 ± 0.2	0.8 ± 0.2	0.8 ± 0.2	0.3 ± 0.2
SCI2012C (0805)	2.0 ± 0.2	1.2 ± 0.2	0.9 ± 0.2	0.5 ± 0.2

SIZE	SCI1005C	SCI1608C	SCI2012C
QTY/REEL	10000pcs.	4000pcs.	4000pcs.

Characteristics-SCI1005C

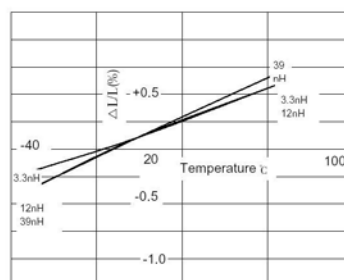
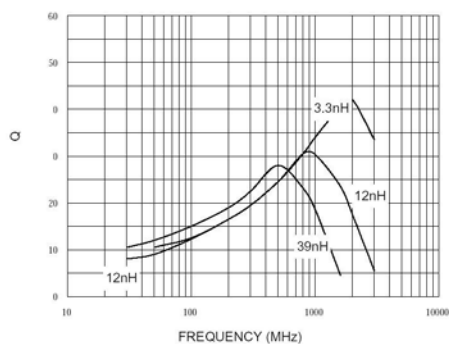
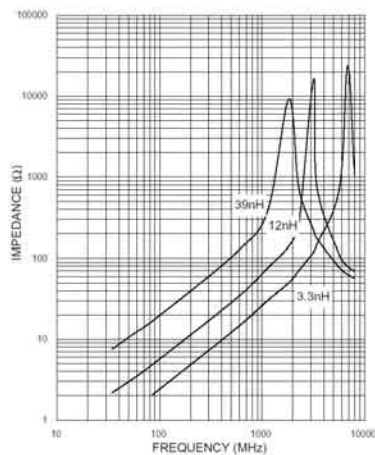
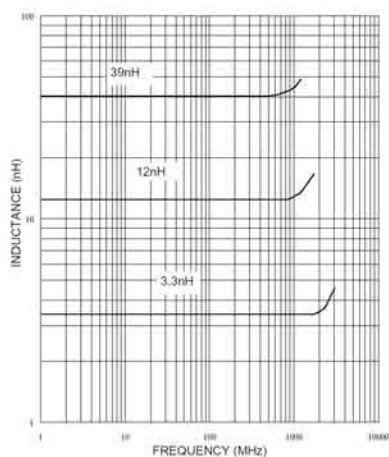
All Series: Tolerance: S = ± 0.3nH; J = ± 5%, K = ± 10%

Part No.	Inductance (nH) @100MHz	Tolerance	Q Typical		SRF Min. (MHz)	RDC Max. (Ω)	IDC Max. (mA)
			100 MHz	800 MHz			
SCI1005C-1N0S	1.0	S	10	28	13500	0.10	300
SCI1005C-1N2S	1.2	S	9	28	12000	0.10	300
SCI1005C-1N5S	1.5	S	10	30	10500	0.10	300
SCI1005C-1N8S	1.8	S	10	28	9400	0.10	300
SCI1005C-2N2S	2.2	S	10	30	8700	0.20	300
SCI1005C-2N7S	2.7	S	10	30	7700	0.20	300
SCI1005C-3N3 □	3.3	S / K	10	30	6800	0.30	300
SCI1005C-3N9 □	3.9	S / K	11	31	6300	0.30	300
SCI1005C-4N7 □	4.7	S / K	10	30	5700	0.40	300
SCI1005C-5N6 □	5.6	S / K	11	31	5100	0.40	300
SCI1005C-6N8 □	6.8	J / K	10	31	4550	0.50	300
SCI1005C-8N2 □	8.2	J / K	12	34	4100	0.50	300
SCI1005C-10N □	10.0	J / K	12	32	3750	0.60	300
SCI1005C-12N □	12.0	J / K	12	31	2950	0.60	300
SCI1005C-15N □	15.0	J / K	11	30	2600	0.70	300
SCI1005C-18N □	18.0	J / K	11	29	2350	0.80	300
SCI1005C-22N □	22.0	J / K	11	28	1950	0.90	300
SCI1005C-27N □	27.0	J / K	12	27	1750	1.00	300
SCI1005C-33N □	33.0	J / K	10	25	1700	1.50	200
SCI1005C-39N □	39.0	J / K	10	25	1650	1.80	200
SCI1005C-47N □	47.0	J / K	9	23	1300	2.00	200



Characteristics-SCI1608C

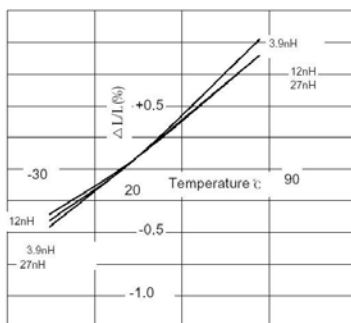
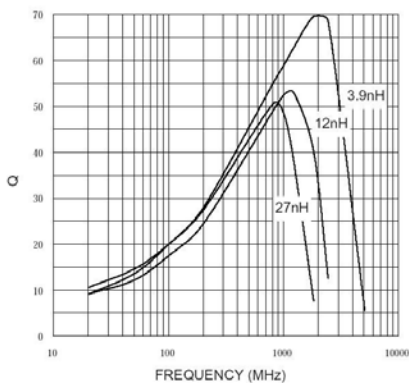
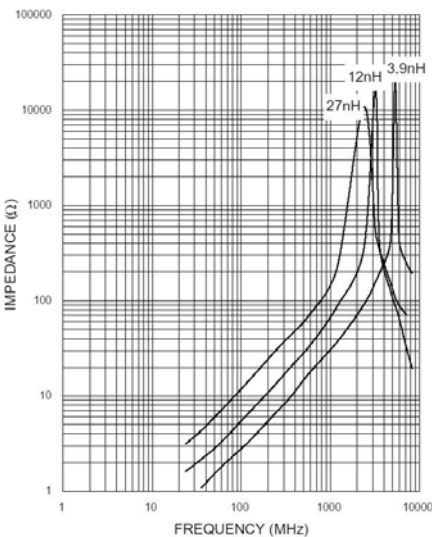
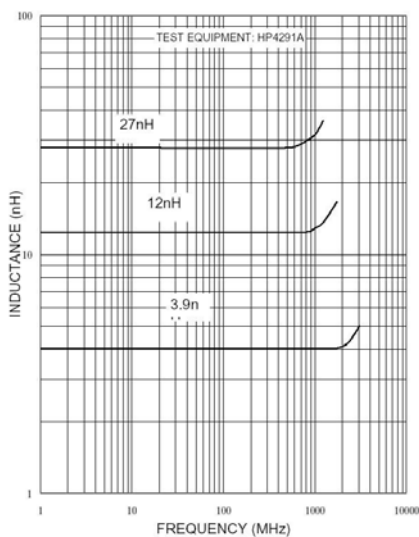
Part No.	Inductance (nH) @100MHz	Tolerance	Q Typical		SRF Min. (MHz)	RDC Max. (Ω)	IDC Max. (mA)
			100 MHz	800 MHz			
SCI1608C-1N2S	1.2	S	13	60	>6000	0.10	300
SCI1608C-1N5S	1.5	S	13	47	>6000	0.10	300
SCI1608C-1N8S	1.8	S	12	51	>6000	0.12	300
SCI1608C-2N2S	2.2	S	12	38	>6000	0.16	300
SCI1608C-2N7S	2.7	S	12	38	>6000	0.20	300
SCI1608C-3N3 \square	3.3	S / K	12	41	5700	0.22	300
SCI1608C-3N9 \square	3.9	S / K	13	50	5600	0.25	300
SCI1608C-4N7 \square	4.7	S / K	12	41	4800	0.28	300
SCI1608C-5N6 \square	5.6	S / K	12	42	4350	0.29	300
SCI1608C-6N8 \square	6.8	J / K	12	40	3750	0.30	300
SCI1608C-8N2 \square	8.2	J / K	13	34	3300	0.33	300
SCI1608C-10N \square	10.0	J / K	13	45	2850	0.35	300
SCI1608C-12N \square	12.0	J / K	15	46	2700	0.40	300
SCI1608C-15N \square	15.0	J / K	15	48	2400	0.45	300
SCI1608C-18N \square	18.0	J / K	16	48	2050	0.50	300
SCI1608C-22N \square	22.0	J / K	17	45	1850	0.55	300
SCI1608C-27N \square	27.0	J / K	17	43	1750	0.60	300
SCI1608C-33N \square	33.0	J / K	18	39	1500	0.65	300
SCI1608C-39N \square	39.0	J / K	17	37	1350	0.70	300
SCI1608C-47N \square	47.0	J / K	17	35	1200	0.90	300
SCI1608C-56N \square	56.0	J / K	17	32	1100	1.00	300
SCI1608C-68N \square	68.0	J / K	18	34	1000	1.50	300
SCI1608C-82N \square	82.0	J / K	18	32	900	1.80	300
SCI1608C-R10 \square	100.0	J / K	15	16	830	2.10	300





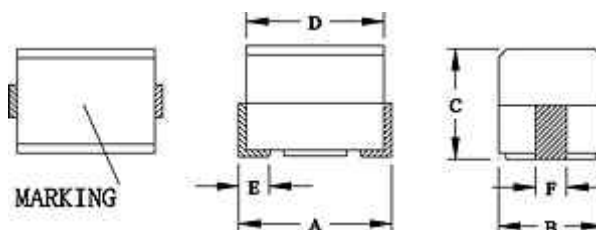
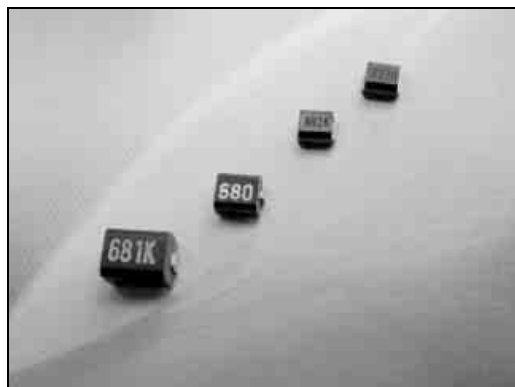
Characteristics-SCI2012C

Part No.	Inductance (nH) @100MHz	Tolerance	Q Typical		SRF Min. (MHz)	RDC Max. (Ω)	IDC Max. (mA)
			100 MHz	800 MHz			
SCI2012C-1N5S	1.5	S	13	40	>6000	0.10	300
SCI2012C-1N8S	1.8	S	13	45	>6000	0.10	300
SCI2012C-2N2S	2.2	S	13	48	>6000	0.10	300
SCI2012C-2N7S	2.7	S	12	36	>6000	0.10	300
SCI2012C-3N3 □	3.3	S / K	13	56	>6000	0.13	300
SCI2012C-3N9 □	3.9	S / K	15	54	5400	0.15	300
SCI2012C-4N7 □	4.7	S / K	15	50	4500	0.20	300
SCI2012C-5N6 □	5.6	S / K	15	53	4000	0.23	300
SCI2012C-6N8 □	6.8	J / K	15	51	3650	0.25	300
SCI2012C-8N2 □	8.2	J / K	15	53	3000	0.28	300
SCI2012C-10N □	10.0	J / K	16	45	2500	0.30	300
SCI2012C-12N □	12.0	J / K	16	48	2450	0.35	300
SCI2012C-15N □	15.0	J / K	17	48	2000	0.40	300
SCI2012C-18N □	18.0	J / K	17	43	1750	0.45	300
SCI2012C-22N □	22.0	J / K	17	47	1700	0.50	300
SCI2012C-27N □	27.0	J / K	18	38	1550	0.55	300
SCI2012C-33N □	33.0	J / K	18	35	1350	0.60	300
SCI2012C-39N □	39.0	J / K	18	40	1300	0.65	300
SCI2012C-47N □	47.0	J / K	18	33	1200	0.70	300
SCI2012C-56N □	56.0	J / K	19	31	1150	0.75	300
SCI2012C-68N □	68.0	J / K	19	28	1000	0.85	300
SCI2012C-82N □	82.0	J / K	20	9	850	0.90	300
SCI2012C-R10 □	100.0	J / K	18	-	730	1.00	300
SCI2012C-R12 □	120.0	J / K	19	-	650	1.30	250
SCI2012C-R15 □	150.0	J / K	20	-	550	1.50	250
SCI2012C-R18 □	180.0	J / K	20	-	500	1.80	250
SCI2012C-R22 □	220.0	J / K	20	-	450	2.00	200
SCI2012C-R27 □	270.0	J / K	20	-	400	2.50	200
SCI2012C-R33 □	330.0	J / K	20	-	380	3.00	150
SCI2012C-R39 □	390.0	J / K	20	-	330	3.50	150
SCI2012C-R47 □	470.0	J / K	19	-	300	4.00	100



Wire Wound Inductor – SWI Series

SCHMID-M

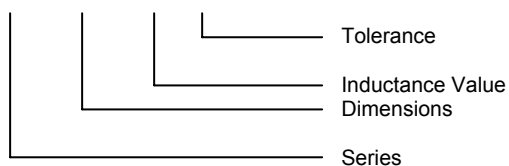


Features

- Resistant to mechanical shocks and pressures
- Accurate dimensions for automatically surface mounting
- This series has low resistance and high current, suitable for power line applications

Ordering Information

SWI 252018 – 4R7 K



Dimensions

Part No.	A	B	C	D	E	F
SWI252018 (1008)	2.5 ± 0.2	2.0 ± 0.2	1.8 ± 0.2	2.2 ± 0.2	0.50	1.2
SWI352522 (1210)	3.2 ± 0.3	2.5 ± 0.2	2.2 ± 0.2	2.9 ± 0.2	0.75	1.0
SWI453232 (1812)	4.5 ± 0.3	3.2 ± 0.2	3.2 ± 0.2	4.2 ± 0.2	1.00	1.2

SIZE	SWI252018	SWI352522	SWI453232
QTY/REEL	2000pcs.	2000pcs.	500pcs.

Characteristics-SWI252018

Tolerance: J = ± 5%; K = ± 10%; M = ± 20%, K tolerance is standard.

Part No.	Inductance (µH)	Q (min)	Test Frequency (MHz)	SRF Min. (MHz)	RDC Max. (Ω)	IDC Max. (mA)
SWI252018-R22 □	0.22	25	25.2	230	0.70	190
SWI252018-R27 □	0.27	25	25.2	210	0.75	180
SWI252018-R33 □	0.33	25	25.2	190	0.85	170
SWI252018-R39 □	0.39	25	25.2	175	0.95	160
SWI252018-R47 □	0.47	25	25.2	160	1.00	155
SWI252018-R56 □	0.56	25	25.2	150	1.10	150
SWI252018-R68 □	0.68	25	25.2	135	1.25	140
SWI252018-R82 □	0.82	25	25.2	125	1.40	130
SWI252018-1R0 □	1.00	25	7.96	115	0.65	195
SWI252018-1R2 □	1.20	25	7.96	100	0.75	180
SWI252018-1R5 □	1.50	25	7.96	90	0.85	170
SWI252018-1R8 □	1.80	25	7.96	85	0.95	160
SWI252018-2R2 □	2.20	25	7.96	80	1.05	155
SWI252018-2R7 □	2.70	25	7.96	75	1.20	145
SWI252018-3R3 □	3.30	25	7.96	65	1.30	135
SWI252018-3R9 □	3.90	25	7.96	60	1.40	130
SWI252018-4R7 □	4.70	25	7.96	55	1.55	125
SWI252018-5R6 □	5.60	25	7.96	50	1.75	120
SWI252018-6R8 □	6.80	25	7.96	45	1.95	115
SWI252018-8R2 □	8.20	25	7.96	40	2.20	105
SWI252018-100 □	10	25	2.52	32	3.50	80
SWI252018-120 □	12	25	2.52	30	3.80	75
SWI252018-150 □	15	25	2.52	28	4.40	70
SWI252018-180 □	18	25	2.52	25	5.00	65
SWI252018-220 □	22	25	2.52	22	5.80	60
SWI252018-270 □	27	20	2.52	21	6.30	115
SWI252018-330 □	33	20	2.52	20	7.10	110
SWI252018-390 □	39	20	2.52	18	9.50	90
SWI252018-470 □	47	20	2.52	17	11.0	80
SWI252018-560 □	56	20	2.52	16	12.1	75



SWI252018-680 □	68	20	2.52	15	16.6	70
SWI252018-820 □	82	20	2.52	13	19.0	65
SWI252018-101 □	100	15	0.796	12	21.0	60

Characteristics-SWI322522

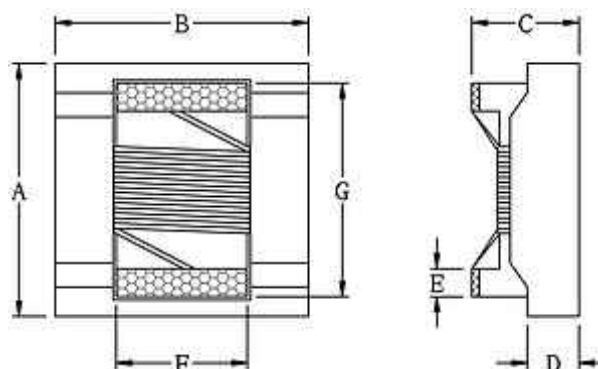
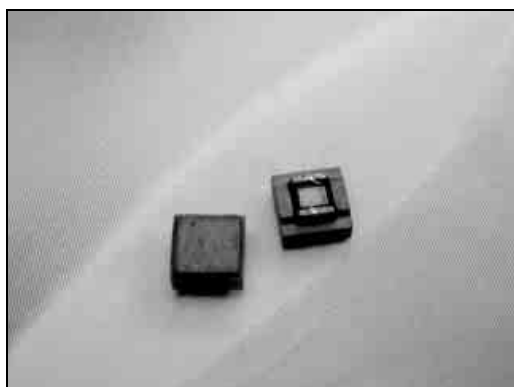
Part No.	Inductance (μH)	Q (min)	Test Frequency (MHz)	SRF Min. (MHz)	RDC Max. (Ω)	IDC Max. (mA)
SWI322522-R12 □	0.12	30	25.2	500	0.22	450
SWI322522-R15 □	0.15	30	25.2	450	0.25	450
SWI322522-R18 □	0.18	30	25.2	400	0.28	450
SWI322522-R22 □	0.22	30	25.2	350	0.32	450
SWI322522-R27 □	0.27	30	25.2	320	0.36	450
SWI322522-R33 □	0.33	30	25.2	300	0.40	450
SWI322522-R39 □	0.39	30	25.2	250	0.45	450
SWI322522-R47 □	0.47	30	25.2	220	0.50	450
SWI322522-R56 □	0.56	30	25.2	180	0.55	450
SWI322522-R68 □	0.68	30	25.2	160	0.60	450
SWI322522-R82 □	0.82	30	25.2	140	0.65	450
SWI322522-1R0 □	1.00	30	7.96	120	0.70	400
SWI322522-1R2 □	1.20	30	7.96	100	0.75	390
SWI322522-1R5 □	1.50	30	7.96	85	0.85	370
SWI322522-1R8 □	1.80	30	7.96	80	0.90	350
SWI322522-2R2 □	2.20	30	7.96	75	1.00	320
SWI322522-2R7 □	2.70	30	7.96	70	1.10	290
SWI322522-3R3 □	3.30	30	7.96	60	1.20	260
SWI322522-3R9 □	3.90	30	7.96	55	1.30	250
SWI322522-4R7 □	4.70	30	7.96	50	1.50	220
SWI322522-5R6 □	5.60	30	7.96	47	1.60	200
SWI322522-6R8 □	6.80	30	7.96	43	1.80	180
SWI322522-8R2 □	8.20	30	7.96	40	2.00	170
SWI322522-100 □	10	30	2.52	36	2.10	150
SWI322522-120 □	12	30	2.52	33	2.50	140
SWI322522-150 □	15	30	2.52	28	2.80	130
SWI322522-180 □	18	30	2.52	25	3.30	120
SWI322522-220 □	22	30	2.52	23	3.70	110
SWI322522-270 □	27	30	2.52	18	5.00	80
SWI322522-330 □	33	30	2.52	17	5.60	70
SWI322522-390 □	39	30	2.52	16	6.40	65
SWI322522-470 □	47	30	2.52	15	7.00	60
SWI322522-560 □	56	30	2.52	13	8.00	55
SWI322522-680 □	68	30	2.52	12	9.00	50
SWI322522-820 □	82	30	0.796	11	10.0	45
SWI322522-101 □	100	20	0.796	10	11.0	40
SWI322522-121 □	120	20	0.796	10	12.0	70
SWI322522-151 □	150	20	0.796	8	15.0	65
SWI322522-181 □	180	20	0.796	7	17.0	60
SWI322522-221 □	220	20	0.796	7	21.0	60

Characteristics-SWI453232

Part No.	Inductance (μH)	Q (min)	Test Frequency (MHz)	SRF Min. (MHz)	RDC Max. (Ω)	IDC Max. (mA)
SWI453232-R10 □	0.10	35	25.2	300	0.20	800
SWI453232-R12 □	0.12	35	25.2	280	0.20	770
SWI453232-R15 □	0.15	35	25.2	250	0.20	730
SWI453232-R18 □	0.18	35	25.2	200	0.20	700
SWI453232-R22 □	0.22	40	25.2	220	0.30	665
SWI453232-R27 □	0.27	40	25.2	180	0.30	635
SWI453232-R33 □	0.33	40	25.2	165	0.30	605
SWI453232-R39 □	0.39	40	25.2	150	0.30	575
SWI453232-R47 □	0.47	40	25.2	145	0.30	545
SWI453232-R56 □	0.56	40	25.2	140	0.40	520
SWI453232-R68 □	0.68	40	25.2	135	0.40	500
SWI453232-R82 □	0.82	40	25.2	130	0.50	475
SWI453232-1R0 □	1.00	50	7.96	100	0.50	450

SWI453232-1R2 □	1.20	50	7.96	80	0.60	430
SWI453232-1R5 □	1.50	50	7.96	70	0.60	410
SWI453232-1R8 □	1.80	50	7.96	60	0.70	390
SWI453232-2R2 □	2.20	50	7.96	65	0.70	380
SWI453232-2R7 □	2.70	50	7.96	50	0.80	370
SWI453232-3R3 □	3.30	50	7.96	45	0.80	355
SWI453232-3R9 □	3.90	50	7.96	40	0.90	330
SWI453232-4R7 □	4.70	50	7.96	35	1.00	315
SWI453232-5R6 □	5.60	50	7.96	33	1.10	300
SWI453232-6R8 □	6.80	50	7.96	27	1.20	285
SWI453232-8R2 □	8.20	50	7.96	25	1.40	275
SWI453232-100 □	10	50	2.52	20	1.60	250
SWI453232-120 □	12	50	2.52	18	2.00	225
SWI453232-150 □	15	50	2.52	17	2.50	200
SWI453232-180 □	18	50	2.52	15	2.80	190
SWI453232-220 □	22	50	2.52	13	3.20	180
SWI453232-270 □	27	50	2.52	12	3.60	170
SWI453232-330 □	33	50	2.52	11	4.00	160
SWI453232-390 □	39	50	2.52	10	4.50	150
SWI453232-470 □	47	50	2.52	10	5.00	140
SWI453232-560 □	56	50	2.52	9.0	5.50	135
SWI453232-680 □	68	50	2.52	9.0	6.00	130
SWI453232-820 □	82	50	2.52	8.0	7.00	120
SWI453232-101 □	100	40	0.796	8.0	8.00	110
SWI453232-121 □	120	40	0.796	6.0	8.00	110
SWI453232-151 □	150	40	0.796	5.0	9.00	105
SWI453232-181 □	180	40	0.796	5.0	9.50	102
SWI453232-221 □	220	40	0.796	4.0	10.0	100
SWI453232-271 □	270	40	0.796	4.0	12.0	92
SWI453232-331 □	330	40	0.796	3.5	14.0	85
SWI453232-391 □	390	40	0.796	3.0	18.0	80
SWI453232-471 □	470	40	0.796	3.0	26.0	62
SWI453232-561 □	560	30	0.796	3.0	30.0	50
SWI453232-681 □	680	30	0.796	3.0	30.0	50
SWI453232-821 □	820	30	0.796	2.5	35.0	30
SWI453232-102 □	1000	20	0.252	2.5	40.0	30

Wire Wound Inductor with Magnetic – SWI1008P



Features

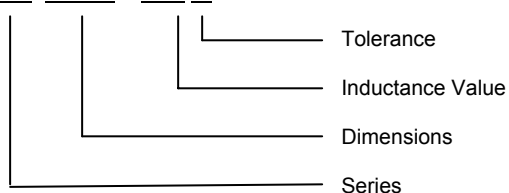
- Excellent Solderability and resistance to soldering heat
- Wound chip inductor with magnetic shielding, which is suitable for high current applications such as notebook, electronic devices etc.
- High reliability and easy surface mount assembly

Dimensions

Part No.	A	B	C	D	E	F	G
SWI1008P	3.6 ± 0.2	3.6 ± 0.2	2.5 ± 0.2	1.6 ± 0.2	0.50 ± 0.1	2.0 ± 0.2	2.5 ± 0.1

Ordering Information

SWI 1008P – 4R7 M



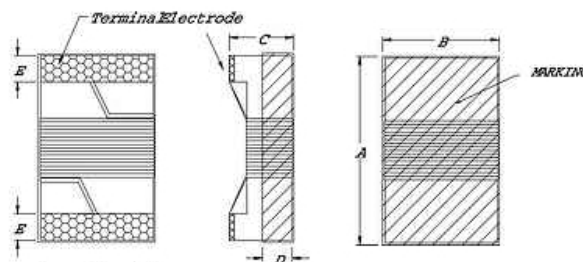
SIZE	SWI1008P
QTY/REEL	750pcs.

Characteristics

Tolerance: M = ± 20%, M tolerance is standard.

Part No.	Inductance (µH)	Q (min)	Test Frequency (KHz)	SRF Min. (MHz)	RDC Max. (Ω)	IDC Max. (mA)
SWI1008P-1R0M	1.0	35	100	344	0.05	1000
SWI1008P-1R5M	1.5	35	100	260	0.06	800
SWI1008P-1R8M	1.8	35	100	225	0.09	600
SWI1008P-2R7M	2.7	38	100	185	0.14	650
SWI1008P-3R9M	3.9	38	100	175	0.26	650
SWI1008P-4R7M	4.7	38	100	160	0.35	500
SWI1008P-5R6M	5.6	38	100	150	0.40	450
SWI1008P-6R8M	6.8	38	100	120	0.60	400
SWI1008P-100M	10	38	100	100	0.95	250
SWI1008P-150M	15	38	100	35	1.15	220
SWI1008P-220M	22	40	100	26	1.40	180
SWI1008P-330M	33	45	100	20	1.60	150
SWI1008P-390M	39	45	100	14	1.85	130
SWI1008P-470M	47	45	100	14	2.50	110
SWI1008P-680M	68	45	100	12	3.80	100
SWI1008P-820M	82	45	100	9.0	4.20	100
SWI1008P-101M	100	45	100	7.0	5.80	80
SWI1008P-121M	120	45	100	6.0	6.20	60
SWI1008P-151M	150	40	100	5.6	7.50	50
SWI1008P-221M	220	40	100	4.0	10.0	50
SWI1008P-331M	330	40	100	3.8	11.5	50
SWI1008P-471M	470	35	100	2.0	16.5	50
SWI1008P-561M	560	35	100	2.0	18.0	30
SWI1008P-681M	680	30	100	1.8	24.0	30
SWI1008P-821M	820	30	100	1.5	26.0	30
SWI1008P-102M	1000	30	100	1.3	30.0	30

RF Wire Wound Inductor- SWI-C Series

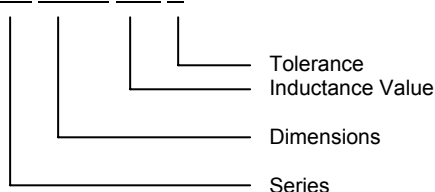


Features

- High reliability and easy surface mount assembly
- Consisting of sizes 0402-1210
- High quality factor

Ordering Information

SWI 0402C-47N K



Dimensions

Part No.	A	B	C	D	E
SWI0402C	1.0 ± 0.10	0.55 ± 0.10	0.50 ± 0.10	0.5 REF.	0.20 ± 0.10
SWI0603C	1.6 ± 0.20	1.05 ± 0.20	1.05 ± 0.20	0.5 REF.	0.35 ± 0.10
SWI0805C/F	2.0 ± 0.20	1.25 ± 0.20	1.20 ± 0.20	0.5 REF.	0.40 ± 0.20
SWI1008C/F	2.5 ± 0.20	2.00 ± 0.20	1.60 ± 0.20	0.5 REF.	0.50 ± 0.10
SWI1210C/F	3.2 ± 0.20	2.50 ± 0.20	2.20 ± 0.20	0.5 REF.	0.50 ± 0.10

Material Type : C = Ceramic Material ; F = Ferrite Material

TYPE	SWI0402C	SWI0603C	SWI0805C/F	SWI1008C/F	SWI1210C/F
QTY /REEL	10000 pcs.	3000 pcs.	2000 pcs.	2000 pcs.	2000 pcs.

Characteristics-SWI0402C

All Series: Tolerance: S = ± 0.3nH; G = ± 2%; J = ± 5%; K = ± 10%

Part No.	Inductance (nH)	Q Typical		Test Frequency (MHz)	SRF Min. (MHz)	RDC Max. (Ω)	IDC Max. (mA)
		min	900 MHz				
SWI0402C-1N0S	1.0	13	26	250	6000	0.045	1360
SWI0402C-2N0S	2.0	16	30	250	6000	0.070	1040
SWI0402C-2N2S	2.2	18	32	250	6000	0.070	960
SWI0402C-3N3S	3.3	20	41	250	6000	0.066	840
SWI0402C-3N6S	3.6	20	43	250	6000	0.066	840
SWI0402C-3N9S	3.9	20	41	250	5800	0.066	840
SWI0402C-5N1 □	5.1	23	49	250	5800	0.083	800
SWI0402C-5N6 □	5.6	23	46	250	5800	0.083	760
SWI0402C-6N2 □	6.2	23	49	250	5800	0.083	760
SWI0402C-7N5 □	7.5	25	50	250	5800	0.104	680
SWI0402C-8N2 □	8.2	25	49	250	4400	0.104	680
SWI0402C-9N0 □	9.0	25	49	250	4160	0.104	680
SWI0402C-10N □	10.0	23	47	250	3900	0.195	480
SWI0402C-11N □	11.0	26	56	250	3680	0.120	640
SWI0402C-12N □	12.0	26	51	250	3600	0.120	640
SWI0402C-15N □	15.0	26	54	250	3280	0.172	560
SWI0402C-19N □	19.0	26	50	250	3040	0.202	480
SWI0402C-23N □	23.0	26	53	250	2720	0.214	400
SWI0402C-27N □	27.0	26	48	250	2480	0.298	400
SWI0402C-36N □	36.0	26	48	250	2320	0.403	320
SWI0402C-40N □	40.0	26	48	250	2240	0.438	320
SWI0402C-47N □	47.0	26	46	200	2100	0.830	150



Characteristics-SWI0603C

Part No.	Inductance (nH)	Q Typical		Test Frequency (MHz)	SRF Min. (MHz)	RDC Max. (Ω)	IDC Max. (mA)
		min	900 MHz				
SWI0603C-2N0S	2.0	16	31	250	6900	0.08	700
SWI0603C-3N9S	3.9	22	51	250	6900	0.08	700
SWI0603C-4N7S	4.7	20	47	250	5800	0.11	700
SWI0603C-6N8 □	6.8	30	63	250	5800	0.11	700
SWI0603C-8N2 □	8.2	30	72	250	4600	0.10	700
SWI0603C-10N □	10	30	66	250	4800	0.13	700
SWI0603C-12N □	12	35	72	250	4000	0.13	700
SWI0603C-15N □	15	35	68	250	4000	0.17	700
SWI0603C-18N □	18	38	77	250	3100	0.17	700
SWI0603C-22N □	22	38	70	250	3000	0.22	700
SWI0603C-27N □	27	40	75	250	2800	0.22	600
SWI0603C-33N □	33	43	78	250	2300	0.22	600
SWI0603C-39N □	39	43	66	250	2200	0.25	600
SWI0603C-47N □	47	40	65	250	2000	0.28	600
SWI0603C-56N □	56	40	66	200	1900	0.31	600
SWI0603C-68N □	68	40	57	200	1700	0.34	600
SWI0603C-72N □	72	35	60	200	1700	0.49	400
SWI0603C-82N □	82	35	58	150	1700	0.54	400
SWI0603C-R10 □	100	35	51	150	1400	0.63	400
SWI0603C-R12 □	120	35	45	150	1300	0.65	300
SWI0603C-R15 □	150	35	33	150	1000	0.92	280
SWI0603C-R18 □	180	30	26	100	1000	1.25	240
SWI0603C-R22 □	220	30	23	100	1000	1.70	200
SWI0603C-R27 □	270	30	10	100	1000	1.80	170

Characteristics-SWI0805C

Part No.	Inductance (nH)	Q (min)	Test Frequency L (MHz)	Test Frequency Q (MHz)	SRF Min. (MHz)	RDC Max. (Ω)	IDC Max. (mA)
SWI0805C-2N2S	2.2	50	250	1000	6000	0.06	800
SWI0805C-2N7S	2.7	35	250	1000	6000	0.08	800
SWI0805C-3N3S	3.3	60	250	1000	6000	0.08	800
SWI0805C-3N9S	3.9	60	250	1000	6000	0.06	600
SWI0805C-4N7S	4.7	60	250	1000	5800	0.06	600
SWI0805C-5N6 □	5.6	60	250	1000	5800	0.08	600
SWI0805C-6N8 □	6.8	60	250	1000	5500	0.06	600
SWI0805C-8N2 □	8.2	60	250	1000	5500	0.06	600
SWI0805C-10N □	10	60	250	500	4800	0.08	600
SWI0805C-12N □	12	60	250	500	4100	0.08	600
SWI0805C-15N □	15	60	250	500	3600	0.08	600
SWI0805C-18N □	18	60	250	500	3400	0.08	600
SWI0805C-22N □	22	60	250	500	3300	0.10	600
SWI0805C-27N □	27	60	250	500	2600	0.12	600
SWI0805C-33N □	33	60	250	500	2400	0.15	500
SWI0805C-39N □	39	60	250	500	2100	0.18	500
SWI0805C-47N □	47	60	200	500	1700	0.15	500
SWI0805C-56N □	56	60	200	500	1600	0.25	500
SWI0805C-68N □	68	60	200	500	1450	0.27	500
SWI0805C-82N □	82	60	150	500	1350	0.32	500
SWI0805C-R10 □	100	60	150	500	1200	0.43	500
SWI0805C-R12 □	120	50	150	250	1100	0.48	500
SWI0805C-R15 □	150	50	100	250	950	0.56	400
SWI0805C-R18 □	180	50	100	250	900	0.78	400
SWI0805C-R22 □	220	50	100	250	860	1.00	400
SWI0805C-R27 □	270	45	100	250	850	1.46	350
SWI0805C-R33 □	330	45	100	250	800	1.65	300
SWI0805C-R39 □	390	45	100	250	780	2.20	210

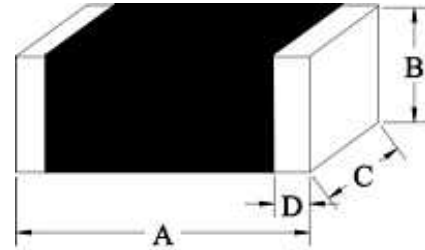
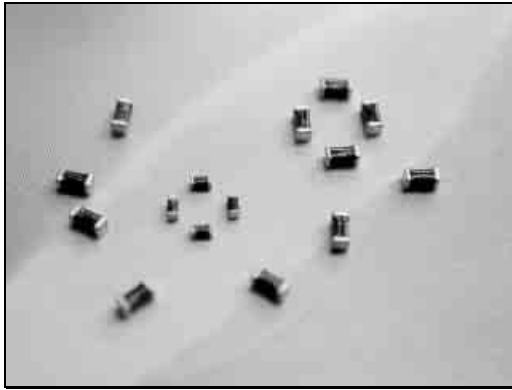
Characteristics-SWI1008C

Part No.	Inductance (nH)	Q (min)	Test Frequency L (MHz)	Test Frequency Q (MHz)	SRF Min. (MHz)	RDC Max. (Ω)	IDC Max. (mA)
SWI1008C-3N3 □	3.3	50	100	1000	6000	0.06	1000
SWI1008C-6N8 □	6.8	50	100	1000	5500	0.06	1000
SWI1008C-8N2 □	8.2	50	100	1000	5500	0.06	1000
SWI1008C-10N □	10	50	100	1000	4300	0.08	1000
SWI1008C-12N □	12	60	100	500	3600	0.08	1000
SWI1008C-15N □	15	60	100	500	2700	0.08	1000
SWI1008C-18N □	18	60	100	350	2700	0.10	1000
SWI1008C-22N □	22	60	100	350	2500	0.10	1000
SWI1008C-27N □	27	60	100	350	1800	0.10	1000
SWI1008C-33N □	33	60	100	350	1700	0.10	1000
SWI1008C-39N □	39	60	100	350	1500	0.10	1000
SWI1008C-47N □	47	60	100	350	1500	0.10	1000
SWI1008C-56N □	56	60	100	350	1350	0.12	1000
SWI1008C-68N □	68	60	100	350	1300	0.15	1000
SWI1008C-82N □	82	60	100	350	1100	0.18	1000
SWI1008C-R10 □	100	60	100	350	1100	0.18	1000
SWI1008C-R12 □	120	45	25	100	950	0.20	800
SWI1008C-R15 □	150	45	25	100	880	0.22	800
SWI1008C-R18 □	180	45	25	100	800	0.33	800
SWI1008C-R22 □	220	45	25	100	730	0.45	800
SWI1008C-R27 □	270	45	25	100	650	0.75	600
SWI1008C-R33 □	330	45	25	100	570	0.90	500
SWI1008C-R39 □	390	45	25	100	530	1.06	470
SWI1008C-R47 □	470	45	25	100	480	1.17	420
SWI1008C-R56 □	560	45	25	100	430	1.50	310
SWI1008C-R68 □	680	45	25	100	380	2.06	230
SWI1008C-R75 □	750	45	25	100	360	2.20	200
SWI1008C-R82 □	820	45	25	100	350	2.30	180
SWI1008C-R91 □	910	45	25	100	330	3.18	150
SWI1008C-1R0 □	1000	35	25	50	310	3.30	120

Characteristics-SWI1210C

Part No.	Inductance (nH)	Q (min)	Test Frequency L (MHz)	Test Frequency Q (MHz)	SRF Min. (MHz)	RDC Max. (Ω)	IDC Max. (mA)
SWI1210C-4N7 □	4.7	50	100	1000	6000	0.06	1000
SWI1210C-5N6 □	5.6	50	100	1000	5500	0.08	1000
SWI1210C-10N □	10	60	100	500	4000	0.06	1000
SWI1210C-12N □	12	60	100	500	3400	0.06	1000
SWI1210C-15N □	15	60	100	500	3200	0.06	1000
SWI1210C-18N □	18	60	100	300	2800	0.06	1000
SWI1210C-22N □	22	60	100	300	2300	0.08	1000
SWI1210C-27N □	27	60	100	300	2000	0.08	1000
SWI1210C-33N □	33	60	100	300	1800	0.08	1000
SWI1210C-39N □	39	60	100	300	1800	0.08	1000
SWI1210C-47N □	47	60	100	300	1600	0.08	1000
SWI1210C-56N □	56	60	100	300	1500	0.10	1000
SWI1210C-68N □	68	60	100	300	1300	0.10	1000
SWI1210C-82N □	82	60	100	300	1200	0.10	1000
SWI1210C-R10 □	100	60	100	300	1100	0.10	1000
SWI1210C-R12 □	120	60	50	300	900	0.12	800
SWI1210C-R15 □	150	60	50	300	800	0.18	800
SWI1210C-R18 □	180	60	50	300	760	0.21	800
SWI1210C-R22 □	220	60	50	300	660	0.27	800
SWI1210C-R27 □	270	50	50	300	600	0.33	700
SWI1210C-R33 □	330	50	50	100	550	0.37	650
SWI1210C-R39 □	390	50	50	100	500	0.63	600
SWI1210C-R47 □	470	50	50	100	450	0.69	550
SWI1210C-R56 □	560	50	50	100	400	0.90	450
SWI1210C-R68 □	680	50	25	100	380	1.05	400
SWI1210C-R82 □	820	50	25	100	350	1.45	350
SWI1210C-1R0 □	1000	45	25	100	300	1.90	280
SWI1210C-1R2 □	1200	45	7.96	50	300	2.20	250
SWI1210C-1R5 □	1500	45	7.96	50	250	2.43	220
SWI1210C-1R8 □	1800	45	7.96	50	200	3.36	180
SWI1210C-2R2 □	2200	40	7.96	50	200	3.50	150

RF Wire Wound Inductor- SWI-L Series

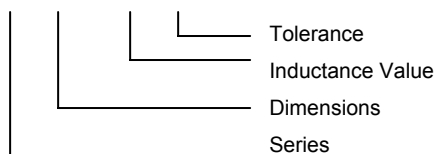


Features

- SWI-L Series are laser trimmed inductors used in communications
- Wide range of inductance values available for variable needs
- Excellent solderability and resistance to soldering heat

Ordering Information

SWI 0402L-47N J



Dimensions

Part No.	A	B	C	D
SWI0402L	1.00 ± 0.10	0.50 ± 0.10	0.50 ± 0.10	0.20 ± 0.10
SWI0603L	1.60 ± 0.20	0.80 ± 0.20	0.80 ± 0.20	0.30 ± 0.10

TYPE	SWI0402L	SWI0603L
QTY/REEL	10000pcs.	3000pcs.

Characteristics-SWI0402L

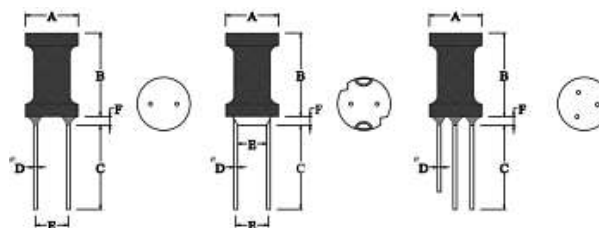
All Series: Tolerance: S = ± 0.3nH; G = ± 2%; J = ± 5%

Part No.	Inductance (nH)	Q Typical		Test Frequency (MHz)	SRF Min. (MHz)	RDC Max. (Ω)	IDC Max. (mA)
		100 MHz	800 MHz				
SWI0402L-1N0S	1.0	8	21	100	6000	0.05	400
SWI0402L-1N2S	1.2	8	21	100	6000	0.06	400
SWI0402L-1N5S	1.5	8	21	100	6000	0.07	400
SWI0402L-1N8S	1.8	8	21	100	6000	0.08	400
SWI0402L-2N2S	2.2	8	21	100	6000	0.09	400
SWI0402L-2N7S	2.7	8	21	100	5500	0.10	400
SWI0402L-3N3S	3.3	8	21	100	5500	0.12	400
SWI0402L-3N9S	3.9	8	20	100	5200	0.15	360
SWI0402L-4N7S	4.7	8	20	100	4800	0.17	360
SWI0402L-5N6S	5.6	8	20	100	4600	0.19	340
SWI0402L-6N8 □	6.8	8	19	100	4000	0.30	320
SWI0402L-8N2 □	8.2	8	19	100	3500	0.35	320
SWI0402L-10N □	10	8	19	100	2800	0.41	320
SWI0402L-12N □	12	8	19	100	2800	0.45	320
SWI0402L-15N □	15	8	19	100	2500	0.60	240
SWI0402L-18N □	18	8	19	100	2200	0.70	240
SWI0402L-22N □	22	8	19	100	2000	0.80	200
SWI0402L-27N □	27	8	19	100	1800	1.20	200
SWI0402L-33N □	33	8	18	100	1800	1.40	170
SWI0402L-39N □	39	8	18	100	1800	1.70	150
SWI0402L-47N □	47	8	17	100	1800	2.10	140
SWI0402L-56N □	56	8	17	100	1500	2.50	130
SWI0402L-68N □	68	8	15	100	1500	4.00	120
SWI0402L-82N □	82	8	15	100	1400	4.50	110
SWI0402L-R10 □	100	8	14	100	1200	5.50	90

Characteristics-SWI0603L

Part No.	Inductance (nH)	Q (min) @ 1000MHz	Test Frequency (MHz)	SRF Min. (MHz)	RDC Max. (Ω)	IDC Max. (mA)
SWI0603L-1N0S	1.0	30	100	6000	0.06	500
SWI0603L-1N0S	1.2	30	100	6000	0.06	500
SWI0603L-1N0S	1.5	30	100	6000	0.07	500
SWI0603L-1N0S	1.8	30	100	6000	0.08	500
SWI0603L-1N0S	2.2	30	100	6000	0.09	500
SWI0603L-1N0S	2.7	30	100	6000	0.10	500
SWI0603L-1N0S	3.3	30	100	5500	0.12	500
SWI0603L-1N0S	3.9	30	100	5500	0.15	450
SWI0603L-1N0S	4.7	30	100	4800	0.17	450
SWI0603L-1N0S	5.6	30	100	4600	0.18	430
SWI0603L-6N8 □	6.8	30	100	3550	0.20	430
SWI0603L-8N2 □	8.2	30	100	3500	0.28	400
SWI0603L-10N □	10	30	100	2800	0.32	400
SWI0603L-12N □	12	30	100	2800	0.35	400
SWI0603L-15N □	15	30	100	2500	0.41	350
SWI0603L-18N □	18	30	100	2300	0.45	350
SWI0603L-22N □	22	30	100	2000	0.50	300
SWI0603L-27N □	27	30	100	2000	0.55	300
SWI0603L-33N □	33	30	100	1800	0.60	300
SWI0603L-39N □	39	30	100	1800	0.80	300
SWI0603L-47N □	47	30	100	1800	0.95	250
SWI0603L-56N □	56	30	100	1800	1.20	250
SWI0603L-68N □	68	30	100	1500	1.30	250
SWI0603L-82N □	82	30	100	1500	1.50	250
SWI0603L-R10 □	100	26	100	1300	1.80	200
SWI0603L-R10 □	120	26	100	1200	3.00	130
SWI0603L-R10 □	150	26	100	1100	4.50	100
SWI0603L-R10 □	180	20	100	1000	6.50	80
SWI0603L-R10 □	220	20	100	900	7.50	70

Leaded Wire Wound Inductor – SPK Series

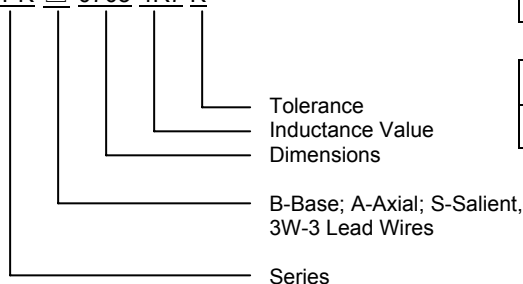


Features

- Designed for power supply with high reliability and saturation
- High current rating for high current circuits
- Designed by special lead wire to prevent open circuit failure

Ordering Information

SPK 0703-4R7 K



Dimensions

Part No.	SPK0406	SPK0608	SPK0810	SPK0912	SPK1016
A	5.5 Max.	7.5 Max.	9.5 Max.	10.5 Max.	11.5 Max.
B	7.5 Max.	9.5 Max.	11.5 Max.	13.5 Max.	17.5 Max.
C	16.0 ± 3.0	16.0 ± 3.0	16.0 ± 3.0	16.0 ± 3.0	16.0 ± 3.0
D	0.50 ± 0.05	0.65 ± 0.05	0.65 ± 0.05	0.80 ± 0.05	0.80 ± 0.05
E	2.0 ± 0.05	3.0 ± 0.05	5.0 ± 0.05	6.0 ± 0.05	6.0 ± 0.05
F	3.0 Max.	3.0 Max.	3.0 Max.	3.0 Max.	3.0 Max.

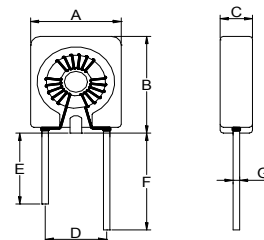
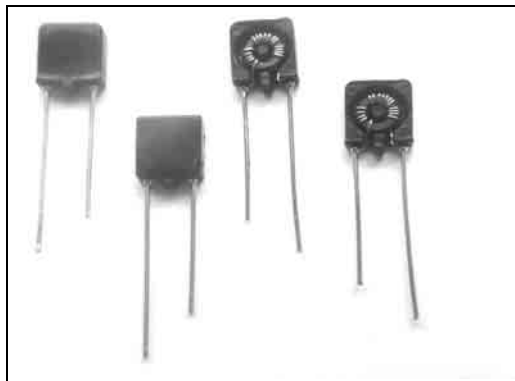
TYPE	SPK0406	SPK0608	SPK0810	SPK0912	SPK1016
PE Bag	500pcs.	500pcs.	250pcs.	250pcs.	250pcs.

Characteristics

Code	L (μ H)	SPK0406		SPK0608		SPK0810		SPK0912		SPK1016	
		RDC Max. (Ω)	IDC Max. (A)	RDC Max. (Ω)	IDC Max. (A)	RDC Max. (Ω)	IDC Max. (A)	RDC Max. (Ω)	IDC Max. (A)	RDC Max. (Ω)	IDC Max. (A)
100	10	0.10	1.70	0.04	3.00	0.03	5.30	0.03	7.50	0.02	10.00
120	12	0.14	1.50	0.05	3.00	0.04	4.70	0.03	7.20	0.02	9.50
150	15	0.13	1.38	0.06	2.60	0.04	4.40	0.03	6.50	0.02	8.20
180	18	0.15	1.27	0.07	2.40	0.05	3.90	0.04	5.60	0.02	7.60
220	22	0.18	1.10	0.08	2.30	0.05	3.50	0.04	5.30	0.03	7.00
270	27	0.20	1.05	0.09	2.10	0.06	3.30	0.05	4.70	0.05	6.00
330	33	0.24	0.93	0.12	1.90	0.07	3.00	0.06	4.20	0.05	5.60
390	39	0.31	0.85	0.17	1.70	0.07	2.70	0.08	3.90	0.06	5.00
470	47	0.35	0.80	0.19	1.50	0.08	2.50	0.09	3.50	0.06	4.60
560	56	0.42	0.72	0.20	1.40	0.11	2.30	0.09	3.20	0.07	4.20
680	68	0.47	0.66	0.23	1.30	0.12	2.00	0.11	3.00	0.08	3.90
820	82	0.55	0.60	0.33	1.15	0.16	1.80	0.14	2.70	0.09	3.60
101	100	0.68	0.53	0.38	1.05	0.18	1.70	0.19	2.40	0.13	3.20
121	120	0.91	0.51	0.38	0.95	0.25	1.55	0.21	2.20	0.15	2.90
151	150	1.06	0.42	0.49	0.78	0.29	1.35	0.24	2.00	0.17	2.60
181	180	1.31	0.41	0.76	0.77	0.34	1.23	0.27	1.80	0.19	2.40
221	220	1.72	0.35	0.87	0.70	0.38	1.15	0.35	1.70	0.25	2.20
271	270	2.07	0.32	0.98	0.65	0.48	1.00	0.48	1.50	0.34	1.90
331	330	2.44	0.28	1.15	0.58	0.59	0.92	0.55	1.36	0.38	1.70
391	390	2.65	0.26	1.27	0.52	0.77	0.84	0.60	1.26	0.41	1.60
471	470	2.91	0.24	1.63	0.47	0.92	0.74	0.84	1.12	0.48	1.50
561	560	3.27	0.23	2.44	0.44	1.02	0.72	0.93	1.00	0.65	1.35
681	680	4.93	0.19	2.75	0.38	1.31	0.65	1.06	0.92	0.93	1.26
821	820	5.53	0.18	3.09	0.36	1.46	0.58	1.31	0.85	1.04	1.15
102	1000	7.60	0.17	3.49	0.33	1.73	0.53	1.49	0.78	1.06	1.00

Tolerance: K = \pm 10%; K tolerance is Standard.

Leaded Line Filter – SQT02 Series

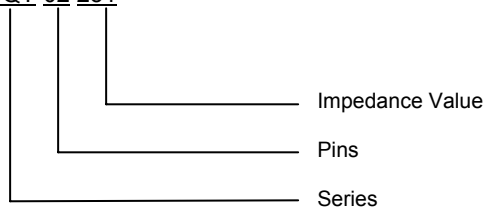


Features

- Unique configuration
- Ideal for EMI countermeasures
- Shapes and dimensions follow E.I.A. Spec.
- Excellent soldering ability and heat resistance
- High reliability

Ordering Information

SQT-02 251



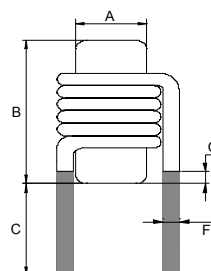
Dimensions

Part No.	A	B	C	D	E	F	G
SQT-02	8.0 Max.	9.5 Max.	3.5 Max.	4.5 ± 0.5	15.0 ± 0.10	19.0 ± 0.15	0.6 REF

Characteristics

Part No.	Inductance (μH) @1KHz/1.0V	Impedance (Ω) Min.	Rated Voltage (V)	DC Resistance (mΩ) Max.	IDC (A)	Test Frequency (MHz)
SQT-02251	4.7	250	50	20	0.20	100
SQT-02401	8.2	400	50	25	0.20	100
SQT-02501	33	500	50	35	0.50	100
SQT-02801	40	800	50	40	0.50	100
SQT-02122	60	1200	50	58	0.50	100
SQT-02152	80	1500	50	62	0.50	100
SQT-02172	100	1700	50	95	0.50	100
SQT-02202	120	2000	50	100	0.50	100

Wirewound Rodcore Inductor – SR Series

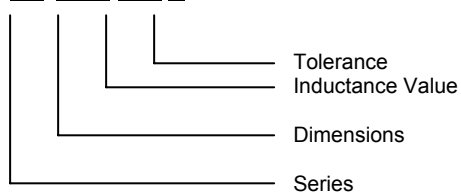


Features

- For high current
- Printed circuit mounting
- For switching regulators, power supplies, amplifiers, monitors, UPS, etc.

Ordering Information

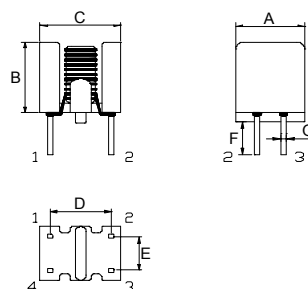
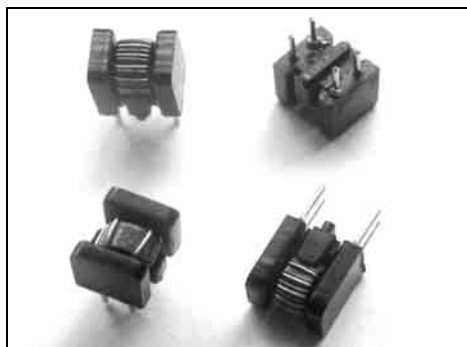
SR 0410-5R6 K



Characteristics & Dimensions

Part No.	A	B	C(min)	G(min)	Inductance (μH)	IDC (A)	Test Frequency (KHz)
SR0410	4.0 ± 0.3	10.0 ± 0.3	3.4	0.5	0.5 ~ 1.0	13	1
SR0415	4.0 ± 0.3	15.0 ± 0.3	3.4	0.5	0.5 ~ 1.2	15	1
SR0420	4.0 ± 0.3	20.0 ± 0.3	3.4	0.5	0.5 ~ 3.0	18	1
SR0515	5.0 ± 0.3	15.0 ± 0.3	3.4	0.5	0.5 ~ 4.0	18	1
SR0520	5.0 ± 0.3	20.0 ± 0.3	3.4	0.5	0.5 ~ 7.0	18	1
SR0525	5.0 ± 0.3	25.0 ± 0.3	3.4	0.5	0.5 ~ 10	18	1
SR0610	6.0 ± 0.3	10.0 ± 0.3	3.4	0.5	0.5 ~ 1.5	18	1
SR0615	6.0 ± 0.3	15.0 ± 0.3	3.4	0.5	0.5 ~ 5.0	18	1
SR0620	6.0 ± 0.3	20.0 ± 0.3	3.4	0.5	0.8 ~ 5.0	18	1
SR0625	6.0 ± 0.3	25.0 ± 0.3	3.4	0.5	1.0 ~ 27	15	1
SR0630	6.0 ± 0.3	30.0 ± 0.3	3.4	0.5	1.0 ~ 22	18	1
SR0820	8.0 ± 0.3	20.0 ± 0.3	3.4	0.5	1.0 ~ 33	18	1

Leaded Common Choke – SQT-04 Series

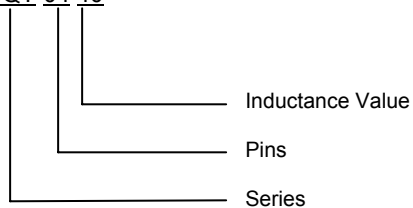


Features

- Unique configuration
- Ideal for EMI countermeasures
- Shapes and dimensions follow E.I.A. Spec.
- Excellent soldering ability and heat resistance
- High reliability

Ordering Information

SQT-04 40



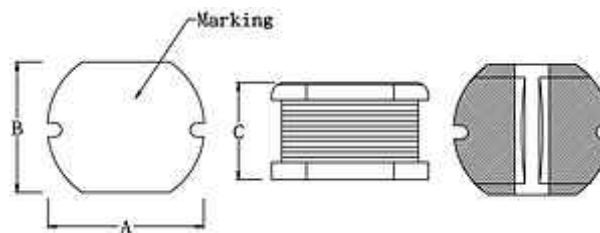
Dimensions

Part No.	A	B	C	D	E	F	G
SQT-04	6.0 ± 0.3	7.2 ± 0.3	7.0 ± 0.3	5.08 ± 0.5	2.5 ± 0.3	3.5 ± 0.5	0.6 REF

Characteristics

Part No.	Inductance (µH)	Impedance (Ω) Min.	Rated Voltage (V)	DC Resistance (mΩ) Max.	Rated Current (A)	Test Frequency (MHz)
SQT-04201	15	200	50	35	0.50	100
SQT-04501	40	500	50	40	0.50	100
SQT-04701	60	700	50	50	0.50	100
SQT-04102	80	1000	50	60	0.50	100

SMD Power Inductor – STP Series

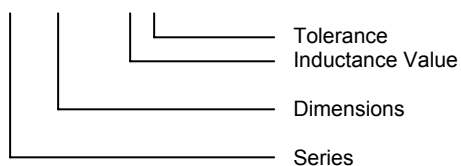


Features

- STP Series is superior to be high saturation for surface mounting
- High current rating for high current circuits
- Designed by special lead wire to prevent open circuit failure
- Excellent terminal strength construction

Ordering Information

STP 0302-4R7 K



Dimensions

Part No.	A	B	C
STP0302	3.2 ± 0.30	2.8 ± 0.30	2.3 ± 0.30
STP0403	4.5 ± 0.30	4.0 ± 0.30	3.2 ± 0.30
STP0504	5.8 ± 0.30	5.2 ± 0.30	4.5 ± 0.35
STP0703	7.8 ± 0.30	7.0 ± 0.30	3.5 ± 0.50
STP0705	7.8 ± 0.30	7.0 ± 0.30	5.0 ± 0.50
STP1004	10 ± 0.30	9.0 ± 0.30	4.0 ± 0.50
STP1005	10 ± 0.40	9.0 ± 0.40	5.4 ± 0.40

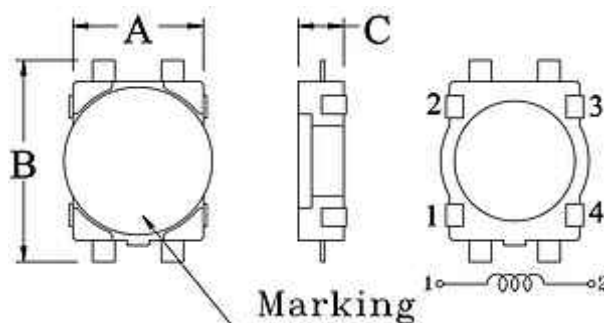
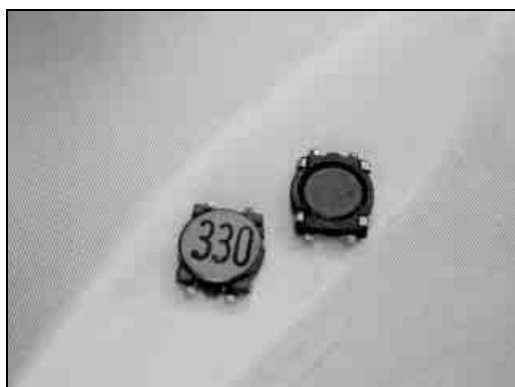
Package

SIZE	STP0302	STP0403	STP0504	STP0703	STP0705	STP1004	STP1005
QTY/REEL	2000pcs.	1500pcs.	1500pcs.	1000pcs.	1000pcs.	1000pcs.	500pcs.

Code	L (μ H)	STP0302		STP0403		STP0504		STP0703		STP0705		STP1004		STP1005	
		RDC Max. (Ω)	IDC Max. (A)	RDC Max. (Ω)	IDC Max. (A)	RDC Max. (Ω)	IDC Max. (A)	RDC Max. (Ω)	IDC Max. (A)	RDC Max. (Ω)	IDC Max. (A)	RDC Max. (Ω)	IDC Max. (A)	RDC Max. (Ω)	IDC Max. (A)
1R0	1.0			0.049	2.560										
1R4	1.4			0.057	2.520										
1R5	1.5														
1R8	1.8			0.064	1.950										
2R2	2.2			0.072	1.750										
2R7	2.7			0.079	1.580										
3R3	3.3			0.087	1.440										
3R9	3.9			0.094	1.330										
4R7	4.7			0.109	1.150										
5R6	5.6			0.126	0.990										
6R8	6.8			0.132	0.950										
7R4	7.4														
8R2	8.2			0.147	0.840										
100	10	0.230	0.760	0.182	1.040	0.100	1.440	0.081	1.440	0.070	2.300	0.053	2.380	0.060	2.600
120	12	0.270	0.685	0.210	0.970	0.120	1.400	0.090	1.390	0.080	2.000	0.061	2.130	0.070	2.450
150	15	0.310	0.635	0.235	0.850	0.140	1.300	0.104	1.240	0.090	1.800	0.070	1.870	0.080	2.270
180	18	0.410	0.525	0.338	0.740	0.150	1.230	0.111	1.120	0.100	1.600	0.081	1.730	0.090	2.150
220	22	0.470	0.500	0.378	0.680	0.180	1.110	0.129	1.070	0.110	1.500	0.088	1.600	0.100	1.950
270	27	0.660	0.405	0.522	0.620	0.200	0.970	0.153	0.940	0.120	1.300	0.100	1.440	0.110	1.760
330	33	0.760	0.380	0.540	0.560	0.230	0.880	0.170	0.850	0.130	1.200	0.120	1.260	0.120	1.500
390	39	0.850	0.355	0.587	0.520	0.320	0.800	0.217	0.740	0.160	1.100	0.151	1.200	0.140	1.370
470	47	0.970	0.330	0.844	0.440	0.370	0.720	0.252	0.680	0.180	1.100	0.170	1.100	0.170	1.280
560	56	1.250	0.290	0.937	0.420	0.420	0.680	0.282	0.640	0.240	0.940	0.199	1.010	0.190	1.170
680	68	1.450	0.275	1.117	0.370	0.460	0.610	0.332	0.590	0.280	0.850	0.223	0.910	0.220	1.110
820	82	1.850	0.235			0.600	0.580	0.406	0.540	0.370	0.780	0.252	0.850	0.250	1.000
101	100	2.200	0.220			0.700	0.520	0.481	0.510	0.430	0.720	0.344	0.740	0.350	0.970
121	120	2.900	0.185			0.930	0.480	0.536	0.490	0.470	0.660	0.396	0.690	0.400	0.890
151	150	3.400	0.170			1.100	0.400	0.755	0.400	0.640	0.580	0.544	0.610	0.470	0.780
181	180	3.900	0.165			1.380	0.380	1.022	0.360	0.710	0.510	0.621	0.560	0.630	0.720
221	220	4.500	0.155			1.570	0.350	1.200	0.310	0.960	0.490	0.721	0.530	0.730	0.660
271	270	6.000	0.135					1.306	0.290	1.110	0.420	0.949	0.450	0.970	0.570
331	330	7.000	0.125					1.495	0.280	1.260	0.400	1.100	0.420	1.150	0.520
391	390	7.000	0.115							1.770	0.360	1.245	0.380	1.300	0.480
471	470									1.960	0.340	1.526	0.350	1.480	0.420
561	560											1.904	0.320	1.900	0.330
681	680													2.250	0.280
821	820													2.550	0.240
102	1000													2.750	0.220

SMD Power Inductor – SCMD Series

SCHMID-M



Features

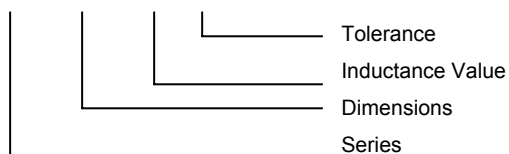
- Thinnest power coil
- Ceramic cover provides best possible surface for pick and place handling
- Perfect for small cards

Dimensions

Part No.	A	B	C
SCMD0401	4.4 Max.	5.8 Max.	1.2 Max.
QTY/REEL	5000pcs.		

Ordering Information

SCMD 0401-4R7 M

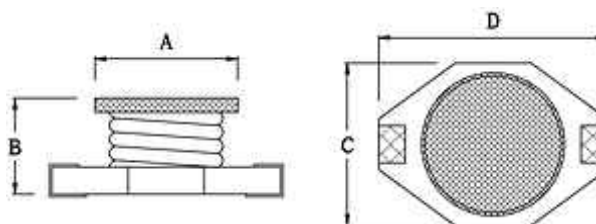
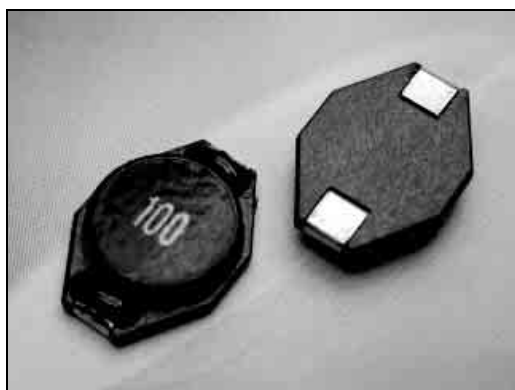


Characteristics

Tolerance: M = ± 20%, M tolerance is standard.

Part No.	L (µH)	Test Frequency (KHz)	RDC Max. (Ω)	IDC Max. (A)
SCMD0401-2R2M	2.2	100	0.116	0.95
SCMD0401-3R3M	3.3	100	0.174	0.77
SCMD0401-4R7M	4.7	100	0.216	0.75
SCMD0401-6R8M	6.8	100	0.296	0.62
SCMD0401-100M	10	100	0.457	0.50
SCMD0401-150M	15	100	0.676	0.40
SCMD0401-220M	22	100	1.066	0.30
SCMD0401-330M	33	100	1.647	0.24
SCMD0401-470M	47	100	2.843	0.18

SMD Power Inductor – SSPK Series

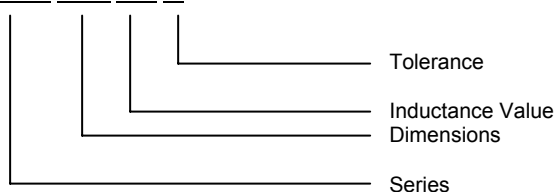


Features

- SSPK Series are designed for the smallest possible size and high performance, high storage and very low resistance
- Very small footprint
- Increased size selection guide
- Designed by special lead wire to prevent open circuit failure

Ordering Information

SSPK 0802 100 M



Dimensions

Part No.	A	B	C	D
SSPK0802	8.6 Max.	3.0 Max.	9.5 Max.	13.5 Max.
SSPK0804	8.6 Max.	5.5 Max.	9.5 Max.	13.5 Max.
SSPK0810	8.6 Max.	11.5 Max.	9.5 Max.	13.5 Max.
SSPK1306	13.0 Max.	7.5 Max.	15.4 Max.	18.54 Max.

SSPK0802	SSPK0804	SSPK0810	SSPK1306
1000pcs.	1000pcs.	250pcs.	250pcs.

Characteristics

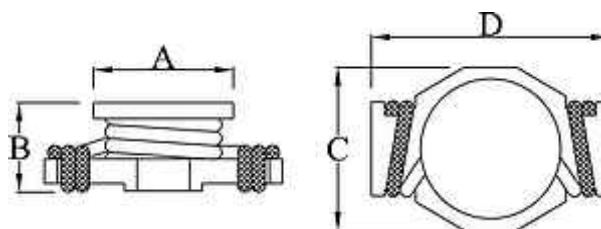
Tolerance: M = $\pm 20\%$; N = $\pm 25\%$, M tolerance is standard.

Code	L (μH)	SSPK0802		SSPK0804		SSPK0810		SSPK1306	
		RDC Max. (Ω)	IDC Max. (A)	RDC Max. (Ω)	IDC Max. (A)	RDC Max. (Ω)	IDC Max. (A)	RDC Max. (Ω)	IDC Max. (A)
3R3	3.3			0.015	6.40				
4R7	4.7			0.018	5.40				
6R8	6.8			0.027	4.60				
100	10	0.110	2.40	0.038	3.80	0.040	8.00	0.031	10.00
150	15	0.150	2.00	0.046	3.00	0.050	7.00	0.036	8.00
220	22	0.230	1.60	0.085	2.60	0.066	5.50	0.047	7.00
330	33	0.300	1.40	0.100	2.00	0.080	4.00	0.066	5.50
470	47	0.390	1.00	0.140	1.60	0.110	3.80	0.086	4.50
680	68	0.660	0.90	0.200	1.40	0.170	3.00	0.130	3.50
101	100	0.840	0.70	0.280	1.20	0.220	2.50	0.190	3.00
151	150			0.400	1.00	0.340	2.00	0.250	2.60
221	220			0.610	0.80	0.440	1.60	0.380	2.40
331	330			1.020	0.60	0.700	1.20	0.560	1.90
471	470			1.270	0.50	0.950	1.00	0.850	1.40
681	680					1.200	1.00	1.100	1.20
102	1000					2.000	0.80	1.800	1.00

Test Frequency 100KHz

SMD Power Inductor – SSPH Series

SCHMID-M



Features

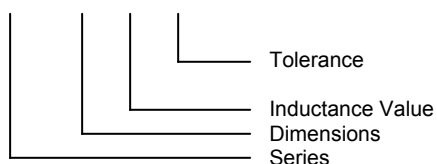
- For high current, low voltage → DC/DC Converters
- Microprocessors
(esp. the latest generation of 3.3V products)
- High current rating, low DC resistance
- Reliable surface mounting with a large flat top and self-leaded design

Dimensions

Part No.	A	B	C	D
SSPH0504	4.8 ± 0.15	5.00 Max.	6.10 Max.	8.89 Max.
SSPH0804	8.6 Max.	6.35 Max.	9.91 Max.	13.21 Max.
SSPH1306	13.0 Max.	8.00 Max.	16.26 Max.	22.35 Max.

Ordering Information

SSPH 0504-4R7 M



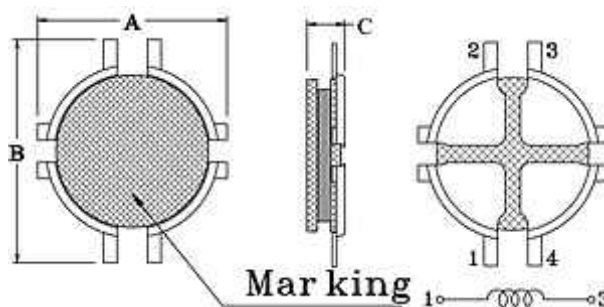
TYPE	SSPH0504	SSPH0804	SSPH1306
QTY/REEL	1000pcs.	750pcs.	250pcs.

Characteristics

Tolerance: M = ± 20%, M tolerance is standard.

Part No.	L (µH)	Test Frequency (KHz)	RDC Max.(Ω)	IDC Max.(A)
SSPH0504-R56M	0.56	100	0.010	7.70
SSPH0504-1R2M	1.20	100	0.017	5.30
SSPH0504-2R2M	2.20	100	0.035	3.50
SSPH0504-4R7M	4.70	100	0.054	2.60
SSPH0504-100M	10.0	100	0.111	1.90
SSPH0504-150M	15.0	100	0.170	1.50
SSPH0504-220M	22.0	100	0.250	1.20
SSPH0504-330M	33.0	100	0.350	0.99
SSPH0504-470M	47.0	100	0.470	0.87
SSPH0804-R33M	0.33	100	0.002	20.0
SSPH0804-R68M	0.68	100	0.005	13.0
SSPH0804-1R0M	1.00	100	0.006	11.0
SSPH0804-1R5M	1.50	100	0.008	9.00
SSPH0804-2R2M	2.20	100	0.011	7.80
SSPH0804-2R7M	2.70	100	0.012	7.00
SSPH0804-3R3M	3.30	100	0.014	6.40
SSPH0804-4R7M	4.70	100	0.018	5.40
SSPH1306-R78M	0.78	100	0.0026	30.0
SSPH1306-1R5M	1.50	100	0.004	25.0
SSPH1306-2R2M	2.20	100	0.0061	20.0
SSPH1306-3R3M	3.30	100	0.0086	17.0
SSPH1306-3R9M	3.90	100	0.010	15.0
SSPH1306-4R7M	4.70	100	0.014	13.0
SSPH1306-6R0M	6.00	100	0.017	12.0
SSPH1306-7R8M	7.80	100	0.018	11.0
SSPH1306-100M	10.0	100	0.026	10.0
SSPH1306-150M	15.0	100	0.032	8.00

SMD Power Inductor – SVLP Series



Features

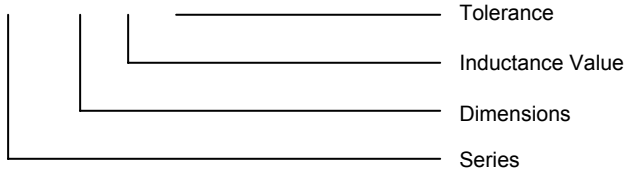
- SMD Power Coil for power supplies
- Open magnetic path construction based on a low-height drum core
- Supports large current

Dimensions

Part No.	A	B	C
SVLP0515	5.4 ± 0.1	6.3 ± 0.2	1.5 Max.
QTY/REEL	4000pcs.		

Ordering Information

SVLP 0515 -4R7 M

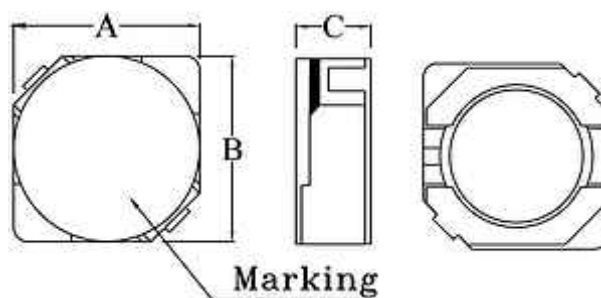


Characteristics

Tolerance: M = $\pm 20\%$, M tolerance is standard.

Part No.	L (μH)	Test Frequency (KHz)	RDC Max. (Ω)	IDC Max. (A)
SVLP0515-2R7M	2.7	100	0.17	1.26
SVLP0515-4R7M	4.7	100	0.24	1.08
SVLP0515-6R8M	6.8	100	0.30	0.90
SVLP0515-100M	10	100	0.45	0.72
SVLP0515-150M	15	100	0.71	0.63
SVLP0515-220M	22	100	0.96	0.50
SVLP0515-330M	33	100	1.47	0.41
SVLP0515-470M	47	100	1.93	0.36

SMD Shielded Power Inductor – SPRD Series

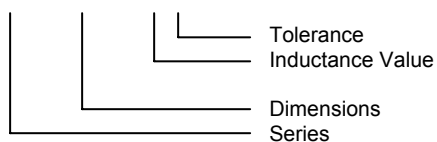


Features

- SPRD Series is superior to be high saturation for surface mounting
- Very thin and compact
- With large permissible DC current and low DC resistance
- Magnetic shielding surface mount inductor with high current rating

Ordering Information

SPRD 0315-4R7 M



Dimensions

Part No.	A	B	C
SPRD0315	3.8 ± 0.2	3.8 ± 0.2	1.8 Max.
SPRD0402	4.7 ± 0.3	4.7 ± 0.3	2.0 Max.
SPRD0403	4.7 ± 0.3	4.7 ± 0.3	3.0 Max.
SPRD0503	5.7 ± 0.3	5.7 ± 0.3	3.0 Max.
SPRD0603	6.7 ± 0.3	6.7 ± 0.3	3.0 Max.
SPRD0604	6.7 ± 0.3	6.7 ± 0.3	4.0 Max.

Package

SIZE	SPRD0315	SPRD0402	SPRD0403	SPRD0503	SPRD0603	SPRD0604
QTY/REEL	2000pcs.	2000pcs.	2000pcs.	2000pcs.	1000pcs.	1000pcs.

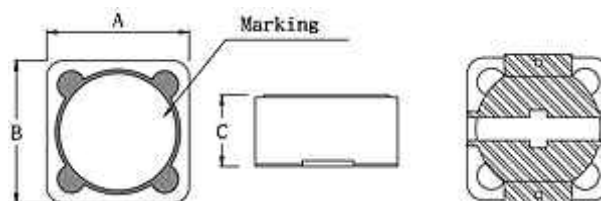
SMD Shielded Power Inductor – SPRD Series



Code	L (μ H)	SPRD0315		SPRD0402		SPRD0403		SPRD0503		SPRD0603		SPRD0604	
		RDC Max. (Ω)	IDC Max. (A)	RDC Max. (Ω)	IDC Max. (A)	RDC Max. (Ω)	IDC Max. (A)	RDC Max. (Ω)	IDC Max. (A)	RDC Max. (Ω)	IDC Max. (A)	RDC Max. (Ω)	IDC Max. (A)
1R0	1.0			0.045	1.72								
1R2	1.2					0.024	2.56						
1R8	1.8					0.028	2.20						
2R2	2.2			0.075	1.32	0.032	2.04						
2R5	2.5							0.018	2.60				
2R7	2.7			0.105	1.28	0.044	1.60						
3R0	3.0							0.024	2.40	0.024	3.00		
3R3	3.3	0.066	0.80	0.110	1.04	0.050	1.57					0.020	3.50
3R9	3.9	0.081	0.75	0.155	0.88	0.065	1.44			0.027	2.60		
4R2	4.2							0.031	2.20				
4R7	4.7	0.091	0.68	0.162	0.84	0.072	1.32						
5R0	5.0									0.031	2.40	0.024	2.90
5R3	5.3							0.038	1.90				
5R6	5.6	0.102	0.62	0.170	0.80	0.101	1.17						
6R0	6.0									0.035	2.25		
6R2	6.2							0.045	1.80			0.027	2.50
6R8	6.8	0.130	0.58	0.200	0.76	0.109	1.12						
7R3	7.3									0.054	2.10		
7R4	7.4											0.031	2.30
8R2	8.2	0.140	0.51	0.245	0.68	0.118	1.04	0.053	1.60				
8R6	8.6									0.058	1.85		
8R7	8.7											0.034	2.20
100	10	0.190	0.46	0.200	0.61	0.129	1.00	0.065	1.30	0.065	1.70	0.038	2.00
120	12	0.205	0.42	0.210	0.56	0.132	0.84	0.076	1.20	0.070	1.55	0.053	1.70
150	15	0.272	0.38	0.240	0.50	0.149	0.76	0.103	1.10	0.084	1.40	0.057	1.60
180	18	0.327	0.34	0.338	0.48	0.166	0.72	0.110	1.00	0.095	1.32	0.092	1.50
220	22	0.356	0.31	0.397	0.41	0.235	0.70	0.122	0.90	0.128	1.20	0.096	1.30
270	27	0.470	0.28	0.441	0.35	0.261	0.58	0.175	0.85	0.142	1.05	0.109	1.20
330	33	0.560	0.26	0.694	0.32	0.378	0.56	0.189	0.75	0.165	0.97	0.124	1.10
390	39	0.700	0.24	0.709	0.30	0.384	0.50	0.212	0.70	0.210	0.86	0.138	1.00
470	47	0.775	0.21			0.587	0.48	0.260	0.62	0.238	0.80	0.155	0.95
560	56					0.625	0.41	0.305	0.58	0.277	0.73	0.202	0.85
680	68					0.699	0.35	0.355	0.52	0.304	0.65	0.234	0.75
820	82					0.915	0.32	0.463	0.46	0.390	0.60	0.324	0.70
101	100					1.020	0.29	0.520	0.42	0.535	0.54	0.358	0.65
121	120					1.270	0.27						
151	150					1.350	0.24						
181	180					1.540	0.22						

Tolerance: M = $\pm 20\%$, M tolerance is standard.

SMD Shielded Power Inductor – SPRH Series



Features

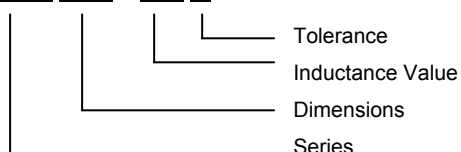
- SPRH series is superior to be high saturation for surface mounting
- Magnetic shielding
- Very small footprint
- Flat-top for pick and place
- Increased size selection-guide
- Low resistance to keep power loss minimum

Dimensions

Part No.	A	B	C
SPRH0703	7.3 ± 0.2	7.3 ± 0.2	3.2 ± 0.2
SPRH0704	7.3 ± 0.2	7.3 ± 0.2	4.5 Max.
SPRH1205	12.0 ± 0.3	12.0 ± 0.3	6.0 Max.
SPRH1207	12.0 ± 0.3	12.0 ± 0.3	8.0 Max.

Ordering Information

SPRH 0703 – 5R8 M



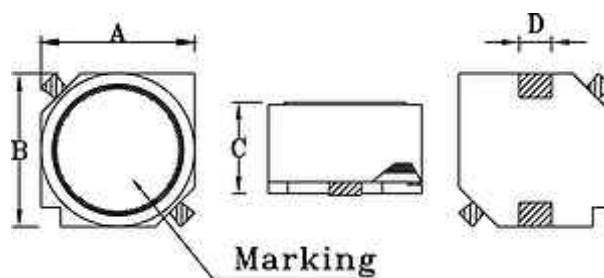
SIZE	SPRH0703	SPRH0704	SPRH1205	SPRH1207
QTY/REEL	1000pcs.	1000pcs.	500pcs.	500pcs.

Characteristics

Tolerance: M = $\pm 20\%$, M tolerance is standard.

Code	L (μ H)	SPRH0703		SPRH0704		SPRH1205		SPRH1207	
		RDC Max.(Ω)	IDC Max.(A)	RDC Max.(Ω)	IDC Max.(A)	RDC Max.(Ω)	IDC Max.(A)	RDC Max.(Ω)	IDC Max.(A)
1R0	1.0							0.007	14.00
1R3	1.3					0.012	8.00		
2R1	2.1					0.014	7.00		
2R4	2.4							0.011	10.30
3R1	3.1					0.017	6.00		
3R5	3.5							0.013	9.30
4R4	4.4					0.020	5.00		
4R6	4.6							0.014	9.10
5R8	5.8					0.021	4.40	0.017	8.60
7R4	7.4							0.018	7.40
7R5	7.5					0.024	4.20		
100	10	0.072	1.68	0.049	1.84	0.025	4.00	0.020	6.70
120	12	0.098	1.52	0.058	1.71	0.027	3.50	0.022	6.45
150	15	0.130	1.33	0.081	1.47	0.030	3.30	0.027	5.65
180	18	0.140	1.20	0.091	1.31	0.034	3.00	0.028	5.10
220	22	0.190	1.07	0.110	1.23	0.036	2.80	0.037	4.70
270	27	0.210	0.96	0.150	1.12	0.051	2.30	0.042	4.20
330	33	0.240	0.91	0.170	0.96	0.057	2.10	0.054	3.90
390	39	0.320	0.77	0.230	0.91	0.068	2.00	0.061	3.50
470	47	0.360	0.76	0.260	0.88	0.075	1.80	0.078	3.25
560	56	0.470	0.68	0.350	0.75	0.110	1.70	0.090	2.90
680	68	0.520	0.61	0.380	0.69	0.120	1.50	0.120	2.60
820	82	0.690	0.57	0.430	0.61	0.140	1.40	0.119	2.40
101	100	0.790	0.50	0.610	0.60	0.160	1.30	0.151	2.10
121	120	0.890	0.49	0.660	0.52	0.170	1.10	0.169	1.90
151	150	1.270	0.43	0.880	0.46	0.230	1.00	0.227	1.80
181	180	1.450	0.39	0.980	0.42	0.290	0.90	0.299	1.55
221	220	1.650	0.35	1.170	0.36	0.400	0.80	0.338	1.45
271	270	2.310	0.32	1.640	0.34	0.460	0.75	0.419	1.30
331	330	2.620	0.28	1.860	0.32	0.510	0.68	0.471	1.20
391	390	2.940	0.26	2.850	0.29	0.690	0.65	0.572	1.10
471	470	4.180	0.24	3.010	0.26	0.770	0.58	0.741	1.00
561	560	4.670	0.22	3.620	0.23	0.860	0.54	0.852	0.95
681	680	5.730	0.19	4.630	0.22	1.200	0.48	1.130	0.85
821	820	6.540	0.18	5.200	0.20	1.340	0.43	1.240	0.75
102	1000	9.440	0.16	6.000	0.18	1.530	0.40	1.500	0.70

SMD Shielded Power Inductor – SSB Series

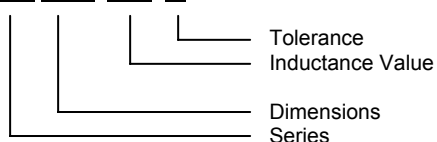


Features

- Magnetic shielding
- Flat bottom surface ensures secure and reliable mounting
- Low DC resistance, low profile and high current rating capacities

Ordering Information

SSB 0703-4R7 M



Dimensions

Part No.	A	B	C
SSB0703	7.6 Max.	7.6 Max.	3.5 Max.
SSB0705	7.6 Max.	7.6 Max.	5.1 Max.
SSB1003	10.5 Max.	10.5 Max.	3.5 Max.
SSB1206	12.5 ± 0.3	12.5 ± 0.3	5.5 ± 0.35
SSB1207	12.5 ± 0.3	12.5 ± 0.3	6.5 ± 0.35

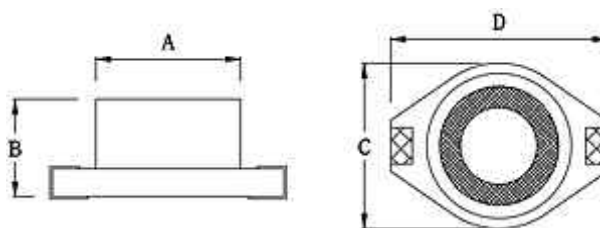
SIZE	SSB0703	SSB0705	SSB1003	SSB1206	SSB1207
QTY/REEL	1000pcs.	1000pcs.	1000pcs.	500pcs.	500pcs.

Characteristics

Tolerance: M = ± 20%, M tolerance is standard.

Code	L (µH)	SSB0703		SSB0705		SSB1003		SSB1206		SSB1207	
		RDC Max.(Ω)	IDC Max.(A)	RDC Max.(Ω)	IDC Max.(A)	RDC Max.(Ω)	IDC Max.(A)	RDC Max.(Ω)	IDC Max.(A)	RDC Max.(Ω)	IDC Max.(A)
1R0	1.0	0.019	3.12	0.020	2.80						
1R5	1.5	0.023	2.85	0.024	2.59						
2R0	2.0									0.014	6.20
2R2	2.2	0.028	2.66	0.028	2.38	0.016	5.00				
3R3	3.3	0.035	2.26	0.034	2.14						
4R0	4.0					0.023	3.20				
4R2	4.2									0.018	5.50
4R7	4.7	0.043	1.96	0.039	1.96						
6R0	6.0							0.020	4.90		
6R8	6.8	0.055	1.76	0.050	1.79						
7R0	7.0					0.042	2.30			0.022	5.00
100	10	0.080	1.34	0.055	1.63	0.058	2.10	0.026	4.30	0.025	4.80
120	12	0.090	1.23	0.073	1.42						
150	15	0.120	1.09	0.081	1.33	0.080	1.60	0.032	3.90	0.029	4.40
180	18	0.130	0.99	0.102	1.15						
220	22	0.150	0.90	0.115	1.09	0.109	1.30	0.041	3.40	0.038	3.80
270	27	0.210	0.81	0.159	0.91						
330	33	0.250	0.72	0.182	0.84	0.177	1.10	0.050	3.10	0.049	3.40
390	39	0.310	0.67	0.199	0.80						
470	47	0.350	0.60	0.221	0.75	0.234	1.00	0.075	2.50	0.070	2.80
560	56	0.430	0.55	0.306	0.64						
680	68	0.520	0.50	0.345	0.60	0.324	0.90	0.101	2.20	0.095	2.40
820	82	0.600	0.46	0.390	0.57						
101	100	0.792	0.41	0.432	0.50	0.519	0.72	0.141	1.80	0.148	1.90
121	120			0.440	0.47						
151	150			0.730	0.40			0.228	1.40		
181	180			0.780	0.39						
221	220			0.940	0.33	1.215	0.46	0.624	1.20	0.328	1.20
271	270			1.250	0.31						
331	330			1.400	0.27			0.492	1.00		
471	470			1.700	0.25			0.624	0.88		
561	560			2.390	0.22						
681	680							0.912	0.73		
102	1000							1.344	0.60		
152	1500							2.076	0.48		

SMD Shielded Power Inductor – SSPS Series



Features

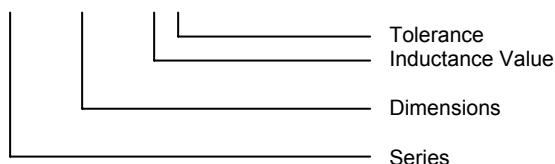
- Magnetic shielding
- Flat bottom surface ensures secure and reliable mounting
- Low DC resistance, low profile and high current rating capacities

Dimensions

Part No.	A	B	C	D
SSPS0804	8.40 ± 0.20	5.08 Max.	9.40 Max.	12.95 Max.
SSPS1306	12.70 ± 0.20	7.62 Max.	15.24 Max.	18.54 Max.

Ordering Information

SSPS 0804–100 M



SSPS0804	SSPS1306
1000pcs.	250pcs.

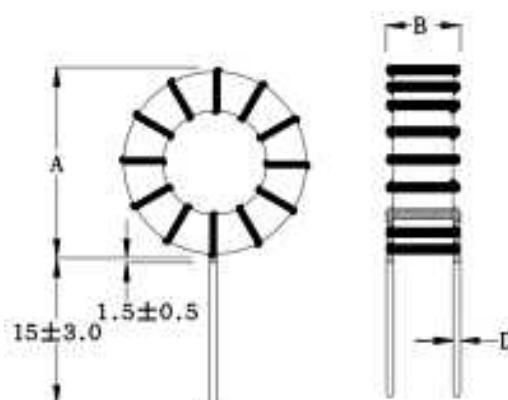
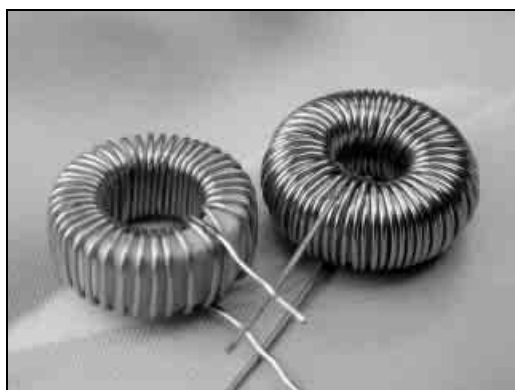
Characteristics

Tolerance: M = ± 20%, M tolerance is standard.

Code	L (µH)	SSPS0804		SSPS1306	
		RDC Max. (Ω)	IDC Max. (A)	RDC Max. (Ω)	IDC Max. (A)
1R0	1.0	0.021	5.60		
1R5	1.5	0.022	5.20		
2R2	2.2	0.032	5.00		
3R3	3.3	0.039	3.90		
4R7	4.7	0.054	3.20		
6R8	6.8	0.075	2.80		
100	10	0.101	2.40	0.040	8.00
150	15	0.150	2.00	0.048	7.00
220	22	0.207	1.60	0.059	6.00
330	33	0.334	1.40	0.075	5.00
470	47	0.472	1.00	0.097	4.00
680	68			0.138	3.00
101	100			0.207	2.40
151	150			0.293	2.10
221	220			0.470	1.90
331	330			0.780	1.10
471	470			1.080	1.10
681	680			1.400	0.96
102	1000			2.010	0.80

Test Frequency 100KHz

Toroidal Line Choke – STI Series

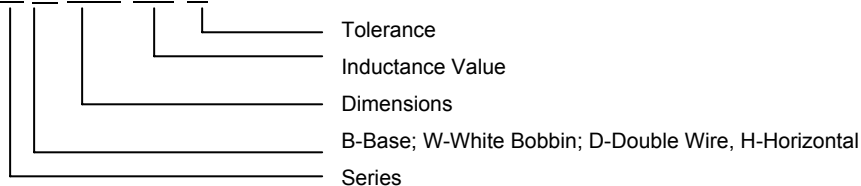


Features

- Coated with varnish
- High saturation current
- Excellent high current rating

Ordering Information

STI □ 5026 101 M



Characteristic

Part Code	L (μH)	STI4426		STI5026		STI6026		STI6826	
		RDC (Ω)	IDC (A)	RDC (Ω)	IDC (A)	RDC (Ω)	IDC (A)	RDC (Ω)	IDC (A)
220	22	0.04	2.50	0.03	3.50	0.02	4.50	0.01	5.00
330	33	0.09	2.00	0.04	2.60	0.03	4.00	0.03	4.10
470	47	0.10	1.80	0.04	2.20	0.05	3.20	0.04	3.60
680	68	0.16	1.40	0.05	1.90	0.06	2.50	0.06	2.80
820	82	0.14	1.30	0.06	1.80	0.10	2.40	0.07	2.40
101	100	0.15	1.30	0.07	1.50	0.11	2.20	0.06	2.00
121	120	0.16	1.10	0.09	1.40	0.15	2.00	0.07	2.00
151	150	0.20	0.95	0.12	1.20	0.10	1.60	0.07	1.60
221	220	0.30	0.90	0.21	0.90	0.12	1.40	0.12	1.40
331	330	0.45	0.70	0.30	0.84	0.21	1.00	0.21	1.20
471	470	0.83	0.60	0.47	0.70	0.33	0.95	0.32	1.00

GERMANY

SCHMID-MULTITECH GmbH

www.schmid-multitech.de

Head Office

Waldweg 1
D 93105 Tegernheim

Tel: +49-9403-9510-0
Fax: +49-9403-4251

info@schmid-multitech.de

SCHMID-MULTITECH GmbH

Branch Ziemendorf

Dorfstraße 49g
D 39619 Ziemendorf

Tel: +49-39384-9848-0
Fax: +49-39384-9848-18

ziemendorf@schmid-multitech.de

CZECH Republic

ATD ELEKTRONIK s.r.o.

www.atd-elektronik.cz

Luzenice 10
CR 34401 Domazlice

Tel: +420 379 723 915
Fax: +420 379 725 868
mobil: +420 602 472 334
mobil: +420 602 472 335

info@atd-elektronik.cz



HUNGARY

ADMM KFT

www.admm.hu

Rumi u.284
H 9700 Szombathely

Tel: +36-94-510 522
Fax: +36-94-510 523
mobil: +36-30-997-2514

mail@admm.hu

ADMM Kft

SLOVAKIA

SCHMID-MULTITECH s.r.o.

www.schmid-multitech.sk

Podjavorinskej 5
SR 91105 Trencin

Tel: +421-32-7440 186
Fax: +421-32-7440 187
mobil: +421-905-622597

mkovacik@smsk.sk



ROMANIA

ANGIELA ELEKTRONIK SRL

www.angiela-elektronik.ro

Str. Slanic Nr. 1 Ap.3
RO 400413 Cluj-Napoca

Tel: +40-264-403284
Fax: +40-264-403280

info@angiela-elektronik.ro

ANGIELA Elektronik s.r.l.

POLAND

ABC ELEKTRONIK sp.zoo.

www.abcpol.pl

Kolejowa 10
PL 38300 Gorlice

Tel: +48-18-3536665
Fax: +48-18-3536833
mobil: +48-90-662677

abcpol@provider.pl



RUSSIA

ALFA ELEKTRONIK

www.alfa-elektronik.com

pr.Gagarina, 50, kor.15, ofis 208
RUS 603057 Nizhnij Novgorod

Tel: +7-8312-649742
Fax: +7-8312-649742

sale@alfa-elektronik.com
rfalfa@rol.ru



UKRAINA

ALFA ELEKTRONIK

www.alfacom-ua.net

Kravtschenko 22,z 4
UKR 254050 Kiew

Tel: +380-44-2168344
Fax: +380-44-2168344

sales@alfacom-ua.net

