

COMMON MODE SMD POWER INDUCTORS / SRI-4PAD TYPE

FEATURES

- ◆ Low voltage power supply is prosperous accordingly power saving.
- ◆ Four terminals choke coil available for DC-DC converter of less than 3.3V input voltage.

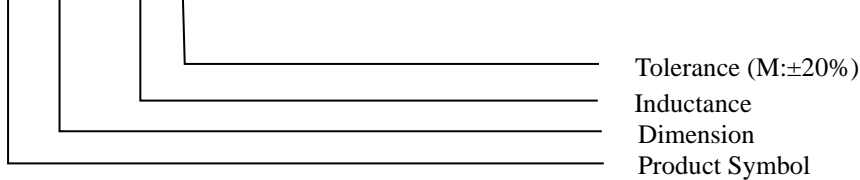


APPLICATIONS

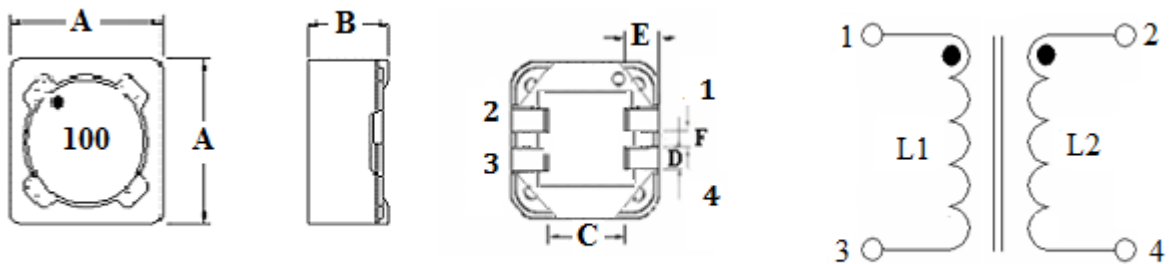
- ◆ TVs and audio equipment.
- ◆ Satellite communication systems.
- ◆ Microwave equipment.

ORDERING CODE

SRI □□□□ - □□□□ - 4PAD



SHAPES



DIMENSIONS (UNIT: mm)

Part No.	A	B (MAX)	C (REF)	D (REF)	E (REF)	F (REF)
SRI0703-4PAD	7.3 ± 0.3	3.5	5.0	0.8	2.1	1.1
SRI0704-4PAD	7.3 ± 0.3	4.8	5.0	0.8	2.1	1.1
SRI1205-4PAD	12.0 ± 0.5	6.5	7.6	2.0	2.9	1.6
SRI1207-4PAD	12.0 ± 0.5	8.5	7.6	2.0	2.9	1.6



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ELECTRICAL CHARACTERISTICS FOR SRI0703**-4PAD

Part No.	L1=L2 (μH)	DCR(mΩ) (max)	IDC (A) (max)
SRI0703-4R7 □-4PAD	4.7	50	3.20
SRI0703-100 □-4PAD	10	200	2.40
SRI0703-200 □-4PAD	20	280	1.60
SRI0703-220 □-4PAD	22	400	1.60
SRI0703-470 □-4PAD	47	560	1.10
SRI0703-510 □-4PAD	51	700	1.00
SRI0703-221 □-4PAD	220	3000	0.53
SRI0703-251 □-4PAD	250	4200	0.34

ELECTRICAL CHARACTERISTICS FOR SRI0704**-4PAD

Part No.	L1=L2(μH)	DCR (mΩ) (max)	IDC (A) (max)
SRI0704-2R5 □-4PAD	2.5	19.8	5.67
SRI0704-3R3 □-4PAD	3.3	24.2	4.86
SRI0704-4R7 □-4PAD	4.7	28.6	4.14
SRI0704-5R6 □-4PAD	5.6	35.2	3.78
SRI0704-6R8 □-4PAD	6.8	38.5	3.51
SRI0704-8R2 □-4PAD	8.2	47.3	3.15
SRI0704-100 □-4PAD	10	55.0	2.70
SRI0704-150 □-4PAD	15	77.0	2.16
SRI0704-220 □-4PAD	22	121	1.89
SRI0704-330 □-4PAD	33	165	1.53
SRI0704-470 □-4PAD	47	231	1.26
SRI0704-560 □-4PAD	56	297	1.17
SRI0704-680 □-4PAD	68	352	1.08
SRI0704-820 □-4PAD	82	396	0.99
SRI0704-101 □-4PAD	100	495	0.88
SRI0704-121 □-4PAD	120	616	0.81
SRI0704-151 □-4PAD	150	742	0.72
SRI0704-181 □-4PAD	180	913	0.65
SRI0704-221 □-4PAD	220	1210	0.59
SRI0704-271 □-4PAD	270	1430	0.54
SRI0704-331 □-4PAD	330	1760	0.48
SRI0704-391 □-4PAD	390	2310	0.45
SRI0704-471 □-4PAD	470	2585	0.41
SRI0704-561 □-4PAD	560	2915	0.37
SRI0704-681 □-4PAD	680	3850	0.34
SRI0704-821 □-4PAD	820	4290	0.31
SRI0704-102 □-4PAD	1000	5940	0.27



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ELECTRICAL CHARACTERISTICS FOR SRI1205**-4PAD

Part No.	L1=L2(μ H)	DCR (m Ω) (max)	IDC (A) (max)
SRI1205-4R7 □-4PAD	4.7	19.8	9.27
SRI1205-5R6 □-4PAD	5.6	22.0	8.69
SRI1205-6R8 □-4PAD	6.8	26.4	8.28
SRI1205-8R2 □-4PAD	8.2	28.6	7.69
SRI1205-100 □-4PAD	10	33.0	6.66
SRI1205-120 □-4PAD	12	40.7	6.17
SRI1205-150 □-4PAD	15	46.2	5.48
SRI1205-180 □-4PAD	18	52.8	4.77
SRI1205-220 □-4PAD	22	63.8	4.50
SRI1205-270 □-4PAD	27	68.2	4.19
SRI1205-330 □-4PAD	33	73.7	3.79
SRI1205-390 □-4PAD	39	78.1	3.42
SRI1205-470 □-4PAD	47	95.7	2.92
SRI1205-560 □-4PAD	56	108	2.76
SRI1205-680 □-4PAD	68	118	2.54
SRI1205-820 □-4PAD	82	150	2.29
SRI1205-101 □-4PAD	100	177	1.98
SRI1205-121 □-4PAD	120	229	1.84
SRI1205-151 □-4PAD	150	261	1.63
SRI1205-181 □-4PAD	180	294	1.44
SRI1205-221 □-4PAD	220	380	1.35
SRI1205-271 □-4PAD	270	443	1.26
SRI1205-331 □-4PAD	330	600	1.15
SRI1205-391 □-4PAD	390	660	1.04
SRI1205-471 □-4PAD	470	874	0.90
SRI1205-561 □-4PAD	560	995	0.85
SRI1205-681 □-4PAD	680	1133	0.79
SRI1205-821 □-4PAD	820	1457	0.71
SRI1205-102 □-4PAD	1000	1683	0.62



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ELECTRICAL CHARACTERISTICS FOR SRI1207**-4PAD

Part No.	L1=L2(μ H)	DCR (m Ω) (max)	IDC (A) (max)
SRI1207-4R7 □-4PAD	4.7	20.9	13.40
SRI1207-5R6 □-4PAD	5.6	25.3	12.00
SRI1207-6R8 □-4PAD	6.8	26.4	11.70
SRI1207-8R2 □-4PAD	8.2	27.5	9.72
SRI1207-100 □-4PAD	10	31.9	9.45
SRI1207-120 □-4PAD	12	34.1	8.64
SRI1207-150 □-4PAD	15	39.6	8.19
SRI1207-180 □-4PAD	18	44.0	7.20
SRI1207-220 □-4PAD	22	52.8	6.12
SRI1207-270 □-4PAD	27	66.0	5.85
SRI1207-330 □-4PAD	33	82.5	5.04
SRI1207-390 □-4PAD	39	88.0	4.95
SRI1207-470 □-4PAD	47	99.0	4.68
SRI1207-560 □-4PAD	56	104	4.05
SRI1207-680 □-4PAD	68	115	3.69
SRI1207-820 □-4PAD	82	154	3.42
SRI1207-101 □-4PAD	100	165	3.06
SRI1207-121 □-4PAD	120	225	2.88
SRI1207-151 □-4PAD	150	253	2.52
SRI1207-181 □-4PAD	180	280	2.25
SRI1207-221 □-4PAD	220	379	2.07
SRI1207-271 □-4PAD	270	495	1.89
SRI1207-331 □-4PAD	330	561	1.71
SRI1207-391 □-4PAD	390	616	1.53
SRI1207-471 □-4PAD	470	841	1.44
SRI1207-561 □-4PAD	560	929	1.35
SRI1207-681 □-4PAD	680	1259	1.17
SRI1207-821 □-4PAD	820	1402	1.08
SRI1207-102 □-4PAD	1000	1556	0.99

* Test Frequency : 100KHZ



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