

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.

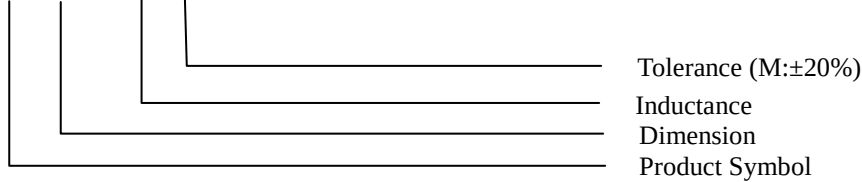


APPLICATIONS

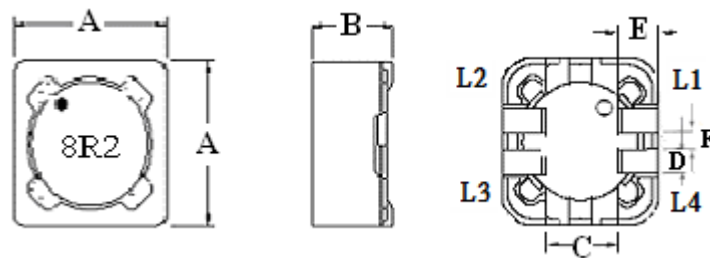
- ◆ Notebook size personal computer.
- ◆ MPU driving power supply.
- ◆ Logic IC power supply.
- ◆ P.D.A.

ORDERING CODE

SRI 1207 - □□□ - 4PAD



SHAPES



DIMENSIONS (UNIT: mm)

Part No.	A	B	C	D	E	F
SRI0703-4PAD	7.3 ± 0.3	3.2 ± 0.3	5.0 (REF)	0.8 (REF)	1.45 ± 0.15	1.1 (REF)
SRI0704-4PAD	7.3 ± 0.3	4.5 (MAX)	5.0 (REF)	0.8 (REF)	1.45 ± 0.15	1.1 (REF)
SRI1205-4PAD	12.0 ± 0.5	6.0 (MAX)	7.6 ± 0.3	2.0 ± 0.2	2.0 ± 0.2	1.0 ± 0.2
SRI1207-4PAD	12.0 ± 0.5	8.0 (MAX)	7.6 ± 0.3	2.0 ± 0.2	2.0 ± 0.2	1.0 ± 0.2

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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)
SRI0704-3R3 □-4PAD	3.3	55	4.50
SRI0704-4R7 □-4PAD	4.7	78	3.40
SRI0704-180 □-4PAD	18	200	2.20
SRI0704-200 □-4PAD	20	230	2.15
SRI0704-600 □-4PAD	60	750	1.20
SRI0704-181 □-4PAD	180	2350	0.40
SRI0704-472 □-4PAD	4700	6800	0.09

ELECTRICAL CHARACTERISTICS FOR SRI1205**-4PAD

Part No.	L1=L2(μH)	DCR (mΩ) (max)	IDC (A) (max)
SRI1205-5R6 □-4PAD	5.6	20	5.30
SRI1205-5R8 □-4PAD	5.8	21	5.00
SRI1205-8R2 □-4PAD	8.2	22	4.70
SRI1205-100 □-4PAD	10	60	4.50
SRI1205-120 □-4PAD	12	80	4.00
SRI1205-150 □-4PAD	15	90	4.00
SRI1205-220 □-4PAD	22	100	3.85
SRI1205-680 □-4PAD	68	300	2.00

ELECTRICAL CHARACTERISTICS FOR SRI1207**-4PAD

Part No.	L1=L2(μH)	DCR(mΩ) (max)	IDC (A) (max)
SRI1207-1R0 □-4PAD	1.0	30	20.0
SRI1207-7R6 □-4PAD	7.6	35	8.0
SRI1207-100 □-4PAD	10	35	8.0
SRI1207-120 □-4PAD	12	58	6.0
SRI1207-330 □-4PAD	33	120	4.5

* 100uH 以上 Test Frequency : 1KHZ/1V

* 100uH 以下 Test Frequency : 100KHZ/0.1V