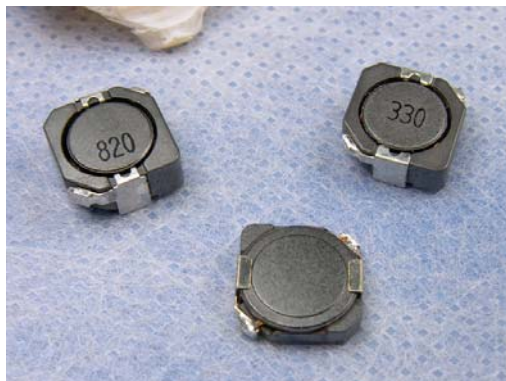


SMD SHIELDED POWER INDUCTORS

COMPONENT

PRODUCT IDENTIFICATION



SRSN103 -

A **B** **C**

A : SMT Shielded Power Inductors

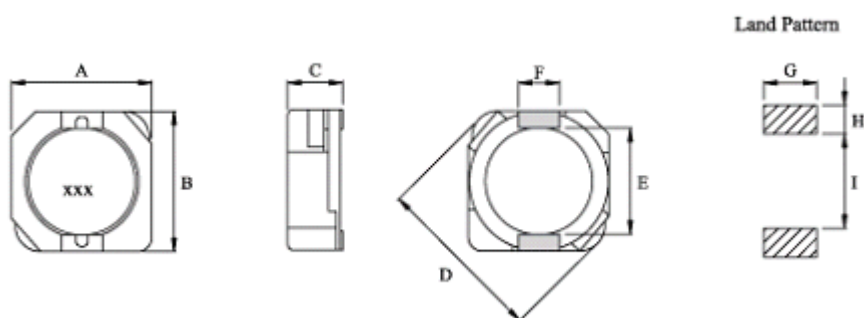
B : Inductance

C : Tolerance (K:10%,L:15%,M:20%,N:30%)

APPLICATIONS

DC-DC converter transformer, LCD TV, Notebook, VCR Camera.

SHAPES & DIMENSIONS



TYPE	A (Max)	B (Max)	C (Max)	D (Max)	E ±0.3	F ±0.1	G ±0.1	H	I
SRSN103	10.3	10.4	3.0	13.5	7.7	3.0	3.6	1.7	7.3
SRSN104	10.3	10.4	4.0	13.5	7.7	3.0	3.6	1.7	7.3
SRSN105	10.3	10.4	5.0	13.5	7.7	3.0	3.6	1.7	7.3

※Design as Customer's Requested Specifications.

SMD SHIELDED POWER INDUCTORS

COMPONENT

ELECTRICAL CHARACTERISTICS

SRSN 103/104/105 SERIES

Inductance		103			104			105		
Code	(uH)	Test Freq. (Hz)	RDC (Ω) Max.	IDC (A) Max.	Test Freq. (Hz)	RDC (Ω) Max.	IDC (A) Max.	Test Freq. (Hz)	RDC (Ω) Max.	IDC (A) Max.
1R3N	1.30	-	-	-	100K	0.0081	10.00	-	-	-
2R5N	2.50	-	-	-	100K	0.010	7.50	-	-	-
3R8N	3.80	-	-	-	100K	0.013	6.00	-	-	-
5R2N	5.20	-	-	-	100K	0.022	5.50	-	-	-
7R0N	7.00	-	-	-	100K	0.027	4.80	-	-	-
100M	10.00	100K	0.0581	2.70	100K	0.035	4.40	100K	0.0258	3.45
120M	12.00	100K	0.0721	2.25	-	-	-	100K	0.0320	3.40
150M	15.00	100K	0.0865	2.22	100K	0.050	3.60	100K	0.0400	2.83
180M	18.00	100K	0.1161	1.90	-	-	-	100K	0.0460	2.62
220M	22.00	100K	0.1454	1.78	100K	0.073	2.90	100K	0.0585	2.44
270M	27.00	100K	0.1759	1.63	-	--	-	100K	0.0654	2.24
330M	33.00	100K	0.2134	1.46	100K	0.093	2.30	100K	0.0814	1.88
390M	39.00	100K	0.2689	1.32	-	-	-	100K	0.1031	1.70
470M	47.00	100K	0.2986	1.18	100K	0.128	2.10	100K	0.1221	1.56
560M	56.00	100K	0.3358	1.10	-	-	-	100K	0.1448	1.39
680M	68.00	100K	0.4513	1.04	100K	0.213	1.50	100K	0.1930	1.36
820M	82.00	100K	0.5138	0.94	-	-	-	100K	0.2194	1.20
101M	100.00	100K	0.7000	0.84	100K	0.304	1.35	100K	0.2470	1.09
121M	120.00	100K	0.7650	0.76	-	-	-	100K	0.2984	1.00
151M	150.00	100K	0.8763	0.70	100K	0.506	1.15	100K	0.3551	0.91
181M	180.00	-	-	-	-	-	-	100K	0.3943	0.84
221M	220.00	-	-	-	100K	0.756	0.92	100K	0.4838	0.75
271M	270.00	-	-	-	-	-	-	100K	0.6325	0.68
331M	330.00	-	-	-	100K	1.090	0.70	100K	0.7800	0.60
391M	390.00	-	-	-	-	-	-	100K	0.9575	0.57
471M	470.00	-	-	-	-	-	-	100K	1.2204	0.50
561M	560.00	-	-	-	-	-	-	100K	1.3524	0.47
681M	680.00	-	-	-	-	-	-	100K	1.5192	0.43
821M	820.00	-	-	-	-	-	-	100K	1.6944	0.39
102M	1000.00	-	-	-	-	-	-	100K	1.9464	0.35

※ Test Freq. : 100KHz/1V.

※ Operating Temp. : - 40°C ~ +85°C

※ Inductance drop = 25% typ. at IDC.