

SMD SHIELDED POWER INDUCTORS

COMPONENT

PRODUCT IDENTIFICATION



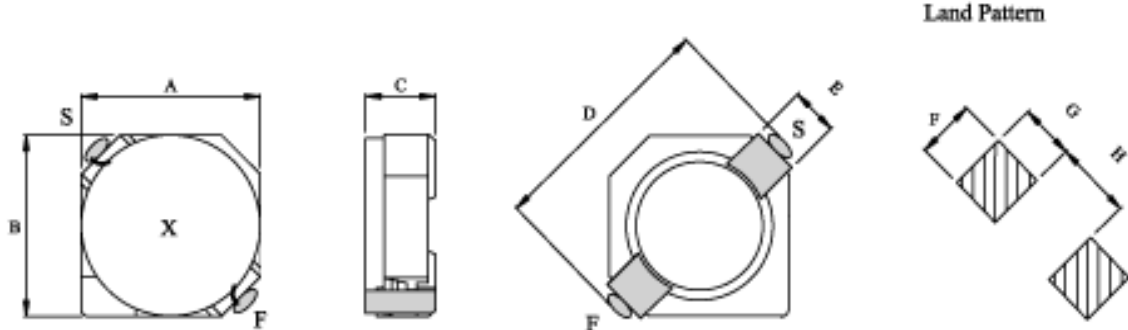
SRHN2D11A - □□□ □
A **B** **C**

- A : SMT Shielded Power Inductors
- B : Inductance
- C : Tolerance K:10%,L:15%,M:20%,N:30%)

APPLICATIONS

- DC-DC converter of portable equipment.
- Camcorder, LCD television set, Digital camera, P.D.A., Notebook.

SHAPES & DIMENSIONS



UNIT IN mm

TYPE	A (Max)	B (Max)	C (Max)	D	E (Ref.)	F (Ref.)	G (Ref.)	H (Ref.)
SRHN2D11A	3.2	3.2	1.2	4.3(Max)	1.0	1.3	1.3	1.7
SRHN3D11A	4.0	4.0	1.2	5.2(Ref.)	1.0	1.5	1.4	2.4
SRHN2D14A	3.2	3.2	1.55	3.3(Max)	1.0	1.3	1.3	1.7
SRHN2D18A	3.2	3.2	2.0	4.3(Max)	1.0	1.3	1.3	1.7
SRHN3D16A	4.0	4.0	1.8	5.2(Max)	1.0	1.3	1.4	2.4
SRHN3D28A	4.0	4.0	3.0	5.2(Max)	1.1	1.5	1.4	2.4

※Design as Customer's Requested Specifications.

SMD SHIELDED POWER INDUCTORS

COMPONENT

ELECTRICAL CHARACTERISTICS

SRHN 2D11A/3D11A/2D14A/2D18A/3D16A/3D28A SERIES

Inductance		2D11A					3D11A.				
Code	(uH)	MARK	Test Freq.(Hz)	RDC(Ω) Max.	IDC(A) Max	I rms (max)	MARK	Test Freq.(Hz)	RDC(Ω) Max.	IDC(A) Max	I rms (max)
3R3N	3.30	F	100K	0.123	0.60	1.02	D	100K	0.105	0.50	1.42
4R7N	4.70	H	100K	0.170	0.50	0.88	E	100K	0.095	0.40	1.35
5R6N	5.60	I	100K	0.230	0.48	0.84	M	100K	0.160	0.56	1.25
6R8N	6.80	J	100K	0.260	0.44	0.80	F	100K	0.150	0.34	1.05
8R2N	8.20	K	100K	0.350	0.38	0.72	V	100K	0.190	0.32	0.95
100M	10.0	L	100K	0.400	0.35	0.66	G	100K	0.280	0.28	0.90
150M	15.0	N	100K	0.620	0.28	0.50	I	100K	0.320	0.23	0.68
220M	22.0	O	100K	1.500	0.20	0.45	K	100K	0.600	0.19	0.53
330M	33.0	P	100K	1.800	0.15	0.35	M	100K	0.700	0.15	0.41

Inductance		2D14A				2D18A			
Code	(uH)	MARK	Test Freq.(Hz)	RDC(Ω) Max.	IDC(A) Max.	MARK	Test Freq.(Hz)	RDC(Ω) Max.	IDC(A) Max.
1R5N	1.50	B	100K	0.063	1.80	-	-	-	-
1R8N	1.80	C	100K	0.075	1.65	-	-	-	-
2R2N	2.20	D	100K	0.094	1.50	-	-	-	-
2R7N	2.70	E	100K	0.106	1.35	-	-	-	-
3R3N	3.30	F	100K	0.125	1.20	D	100K	0.060	0.77
3R9N	3.90	G	100K	0.138	1.10	-	-	-	-
4R7N	4.70	H	100K	0.160	1.00	F	100K	0.081	0.63
5R6N	5.60	I	100K	0.188	0.945	-	-	-	-
6R8N	6.80	J	100K	0.213	0.85	I	100K	0.108	0.57
8R2N	8.20	K	100K	0.281	0.80	J	100K	0.179	0.50
100N	10.0	L	100K	0.294	0.70	-	-	-	-
100M	10.0	-	-	-	-	K	100K	0.201	0.45
120M	12.0	M	100K	0.394	0.62	-	-	-	-
150M	15.0	-	-	-	-	M	100K	0.227	0.35
220M	22.0	-	-	-	-	O	100K	0.331	0.30
330M	33.0	-	-	-	-	Q	100K	0.481	0.23
470M	47.0	-	-	-	-	S	100K	0.660	0.20

Inductance		3D16A				3D28A			
Code	(uH)	MARK	Test Freq.(Hz)	RDC(Ω) Max.	IDC(A) Max.	MARK	Test Freq.(Hz)	RDC(Ω) Max.	IDC(A) Max.
1R5N	1.50	-	100K	0.052	1.55	-	-	-	-
2R2N	2.20	-	100K	0.072	1.20	-	-	-	-
3R3N	3.30	-	100K	0.085	1.10	D	100K	0.0721	2.00
4R7N	4.70	-	100K	0.105	0.90	E	100K	0.0883	1.65
6R8N	6.80	-	100K	0.170	0.73	F	100K	0.119	1.24
8R2N	8.20	-	-	-	-	Z	100K	0.140	1.15
100N	10.0	-	100K	0.210	0.55	G	100K	0.145	1.05
150N	15.0	-	100K	0.295	0.45	I	100K	0.213	0.90
220N	22.0	-	100K	0.430	0.40	K	100K	0.335	0.76
330N	33.0	-	100K	0.675	0.32	M	100K	0.481	0.58
470N	47.0	-	-	-	-	O	100K	0.599	0.48

※ Test Freq. : 100KHz/0.1V.

※ Operating Temp. : - 40°C ~ +85°C

※ Inductance drop = 35%typ. At IDC.