

SHIELDED SMD POWER INDUCTORS / SRI TYPE

FEATURES

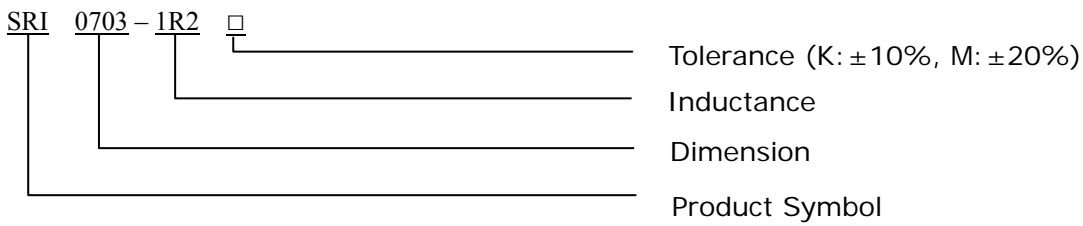
- ◆ Excellent solder ability and high heat resistance for flow soldering.
- ◆ For large current circuits due to its low DC resistance.
- ◆ Excellent in terminal strength due to its high performance ferrite core material and solder ability.



APPLICATIONS

- ◆ LCD TV & Notebook
- ◆ DC/DC converter
- ◆ Power supplies for portable communication equipment

ORDERING CODE



SHAPES

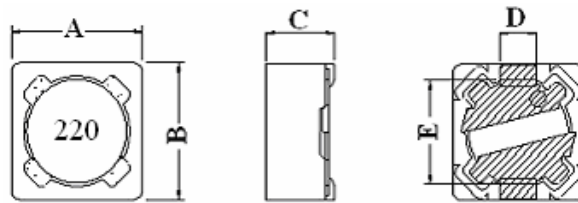


Fig.1

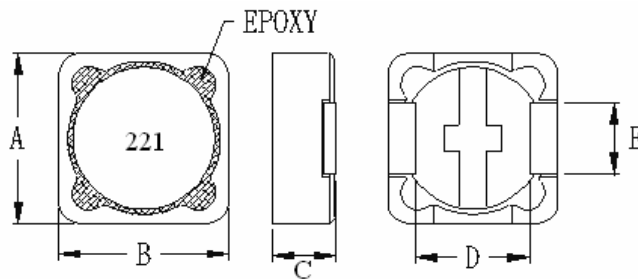


Fig.2

SHIELDED SMD POWER INDUCTORS / SRI TYPE

DIMENSIONS (UNIT: mm)

Part No.	Fig.	A	B	C (Max)	D (Ref.)	E (Ref.)
SRI 0603	2	6.6 ± 0.3	6.2 ± 0.3	3.0	5.0	2.00
SRI 0605	1	6.6 ± 0.3	6.2 ± 0.3	5.0	2.0	5.00
SRI 0703	1	7.3 ± 0.3	7.3 ± 0.3	3.4	2.0	5.00
SRI 0704	1	7.3 ± 0.3	7.3 ± 0.3	4.5	2.0	5.00
SRI 1004	2	10.0 ± 0.5	10.0 ± 0.5	4.5	6.1	3.86
SRI 1204	2	12.0 ± 0.5	12.0 ± 0.5	5.0	8.0	5.00
SRI 1205	2	12.0 ± 0.5	12.0 ± 0.5	6.0	8.0	5.00
SRI 1207	2	12.0 ± 0.5	12.0 ± 0.5	8.0	8.0	5.00
SRI 1209	2	12.0 ± 0.5	12.0 ± 0.5	10.0	7.6	5.00

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Part No	L (uH)	DC Resistance (Ω) Max									Rated Current (A) Max								
		0603	0605	0703	0704	1004	1204	1205	1207	1209	0603	0605	0703	0704	1004	1204	1205	1207	1209
101 □	100	1.400	1.030	0.790	0.610	0.400	0.350	0.170	0.132		0.50	0.80	0.50	0.60	1.9	1.80	1.80	3.20	
121 □	120	1.900			1.500		0.290	0.220	0.190		0.35			0.85		1.60	1.10	2.25	
151 □	150		1.100	1.270	0.880		0.530	0.230	0.324	0.180		0.60	0.43	0.46		0.95	1.40	2.10	2.50
171 □	170				2.500									0.74					
181 □	180	2.770		0.980				0.290	0.300	0.250	0.26		0.39				0.90	1.88	2.35
191 □	190								0.300									1.50	
221 □	220			1.650	1.170		0.700	0.400	0.310	0.300			0.35	0.62		0.80	1.00	1.50	2.20
271 □	270			2.310	1.500			0.460	0.450				0.32	0.55			0.75	1.80	
301 □	300							0.470									1.00		
331 □	330	4.940		2.620	1.550			0.510	0.550		0.20		0.28	0.40			0.68	1.00	
391 □	390							0.530	0.580								0.80	0.80	
471 □	470	4.030	3.000	4.180	3.010	1.230		0.770	1.120		0.26	0.35	0.35	0.40	0.90		0.80	1.40	
561 □	560		4.000						0.800			0.30						1.10	
681 □	680	6.300		5.730				1.200	1.000		0.21		0.30				0.60	0.95	
751 □	750								0.800									1.00	
821 □	820	7.400						1.340	1.000		0.20						0.43	0.90	
102 □	1000	10.50	8.000	9.660	6.000			1.650	1.500	0.830	0.16	0.20	0.23	0.25			0.40	0.80	1.00
122 □	1200									1.200									0.80
152 □	1500				5.100				1.780	1.400				0.22				0.60	0.87
332 □	3300								3.850									0.47	
103 □	10000							40.000									0.05		

- ★ Test Frequency: 1.2~7.6uH(7.96MHz/0.25V), 10~1000uH(1KHz/0.25V)
- ★ Tolerance K:±10%, M:±20%