

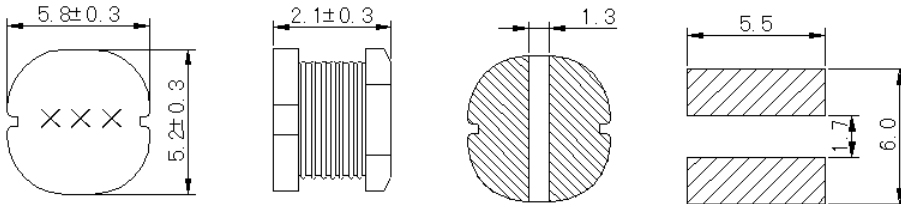
SMD Power Inductors SF52 Series



SF52 Series ,Various high power inductors are superior to be high saturation for surface mounting.

Mainly used by power supply for VRT,OA equipment Digital camera,LCD television set notebook PC,partable communication equipments,DC/DC converters, etc.

Land Pattern



Unit:mm

P/N	L (uH) ±20%	DCR(mohm) Max	Isat (A)
SF52-2R2M	2.2	70	3.50
SF52-2R7M	2.7	80	3.20
SF52-3R3M	3.3	100	2.70
SF52-3R9M	3.9	120	2.40
SF52-4R7M	4.7	140	2.00
SF52-5R6M	5.6	150	1.80
SF52-6R8M	6.8	160	1.50
SF52-8R2M	8.2	170	1.40
SF52-100M	10.0	200	1.30
SF52-120M	12.0	230	1.10
SF52-150M	15.0	250	1.05
SF52-180M	18	300	1.00
SF52-220M	22	350	0.90
SF52-270M	27	400	0.85
SF52-330M	33	500	0.75
SF52-390M	39	550	0.70
SF52-470M	47	650	0.60
SF52-560M	56	750	0.55
SF52-680M	68	950	0.50
SF52-820M	82	1200	0.45
SF52-101M	100	1400	0.40
SF52-121M	120	1750	0.35
SF52-151M	150	2000	0.25
SF52-181M	180	2600	0.22
SF52-221M	220	3000	0.20
SF52-271M	270	3700	0.18

1. Inductance tested at 100KHz,0.1V;
2. SRF>13MHz measured using Agilent / HP8753D network Analyzer;
3. Inductance drop = 10% typ. at rated Isat;
4. $\Delta T=40^{\circ}\text{C}$ rise typ. at Irms;
5. Operating temperature range -40°C to $+125^{\circ}\text{C}$;
6. Electrical specifications at $+25^{\circ}\text{C}$;

Packing :
Reel size: 12 mm
Quantity: 2500 PCS/Reel

Special inquiries besides the above common used types can be met on your requirement.

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