

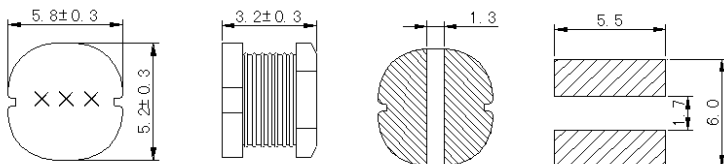
SMD Power Inductors SF53 Series



SF53 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)
SF53-1R0M	1.0	30	4.50
SF53-1R2M	1.2	30	4.20
SF53-1R5M	1.5	30	4.10
SF53-1R8M	1.8	30	3.70
SF53-2R2M	2.2	30	3.50
SF53-2R7M	2.7	40	3.20
SF53-3R3M	3.3	50	2.80
SF53-3R9M	3.9	60	2.60
SF53-4R7M	4.7	70	2.50
SF53-5R6M	5.6	80	2.40
SF53-6R8M	6.8	90	2.20
SF53-8R2M	8.2	100	2.00
SF53-100M	10	120	1.80
SF53-120M	12	130	1.75
SF53-150M	15	150	1.70
SF53-180M	18	180	1.60
SF53-220M	22	220	1.50
SF53-270M	27	240	1.40
SF53-330M	33	300	1.10
SF53-390M	39	400	1.00
SF53-470M	47	430	0.90
SF53-560M	56	500	0.85
SF53-680M	68	600	0.80
SF53-820M	82	800	0.65
SF53-101M	100	900	0.60
SF53-121M	120	1000	0.58
SF53-151M	150	1300	0.43
SF53-181M	180	1500	0.41
SF53-221M	220	2000	0.38
SF53-271M	270	2500	0.35
SF53-331M	330	3200	0.28
SF53-391M	390	3500	0.26
SF53-471M	470	4200	0.20
SF53-561M	560	4500	0.19
SF53-681M	680	6000	0.18
SF53-821M	820	6500	0.15
SF53-102M	1000	8000	0.13

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: 1500 PCS/Reel

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

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