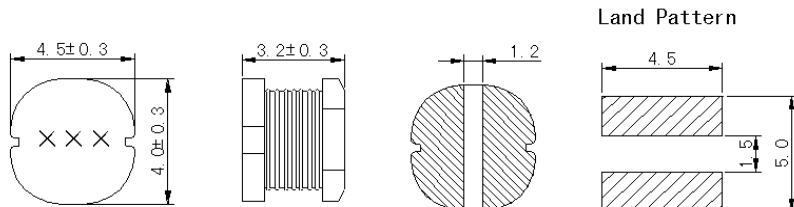


SMD Power Inductors SF43 Series



SF43 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.



Unit:mm

P/N	L (uH) ±20%	DCR(mohm) Max	Isat (A)
SF43-1R0M	1.0	33	3.80
SF43-1R4M	1.4	38	3.30
SF43-1R8M	1.8	42	2.91
SF43-2R2M	2.2	47	2.60
SF43-2R7M	2.7	52	2.43
SF43-3R3M	3.3	58	2.15
SF43-3R9M	3.9	76	1.98
SF43-4R7M	4.7	94	1.70
SF43-5R6M	5.6	101	1.60
SF43-6R8M	6.8	117	1.40
SF43-8R2M	8.2	132	1.26
SF43-100M	10	182	1.15
SF43-120M	12	210	1.05
SF43-150M	15	235	0.92
SF43-180M	18	338	0.84
SF43-220M	22	378	0.76
SF43-270M	27	522	0.71
SF43-330M	33	540	0.64
SF43-390M	39	587	0.59
SF43-470M	47	844	0.54
SF43-560M	56	937	0.50
SF43-680M	68	1170	0.48
SF43-820M	82	1200	0.46
SF43-101M	100	1520	0.44
SF43-121M	120	1800	0.43
SF43-151M	150	2000	0.42
SF43-181M	180	3200	0.38
SF43-221M	220	3400	0.36
SF43-271M	270	3900	0.34
SF43-331M	330	5300	0.28
SF43-391M	390	5900	0.24
SF43-471M	470	6800	0.21
SF43-561M	560	8500	0.20
SF43-681M	680	10000	0.18
SF43-821M	820	13400	0.15
SF43-102M	1000	15600	0.14
SF43-152M	1500	20000	0.05
SF43-172M	1700	2200	0.04

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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