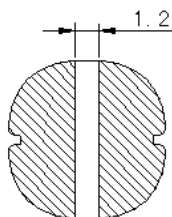
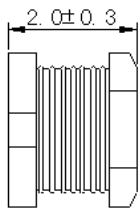
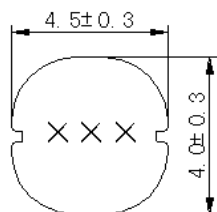


SMD Power Inductors SF42 Series

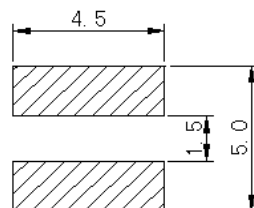


SF42 Series ,Various high power inductors are superior to be high saturation for surface mounting.

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)
SF42-1R0M	1.0	30	2.50
SF42-1R5M	1.5	40	2.30
SF42-1R8M	1.8	52	2.00
SF42-2R2M	2.2	60	1.80
SF42-3R3M	3.3	80	1.50
SF42-4R7M	4.7	106	1.20
SF42-6R8M	6.8	135	1.00
SF42-100M	10	195	0.80
SF42-150M	15	330	0.70
SF42-220M	22	486	0.60
SF42-330M	33	640	0.55
SF42-390M	39	700	0.50
SF42-470M	47	950	0.40
SF42-680M	68	1350	0.30
SF42-101M	100	1710	0.25
SF42-151M	150	2530	0.24
SF42-221M	220	4200	0.23
SF42-331M	330	5300	0.20
SF42-391M	390	6820	0.18
SF42-471M	470	7780	0.15

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. ΔT=40°C rise typ. at Irms;
5. Operating temperature range -40°C to +125°C;
6. Electrical specifications at +25°C;

Packing :
Reel size: 12 mm
Quantity: 2000 PCS/Reel

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

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