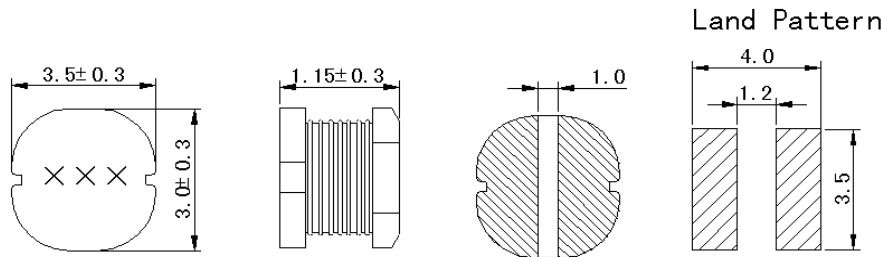


## SMD Power Inductors SF31 Series



SF31 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) ±10%	DCR(mohm) Max	Isat (A)
SF31-3R3M	3.3	260	1.00
SF31-4R7M	4.7	400	0.90
SF31-5R6M	5.6	450	0.80
SF31-6R8M	6.8	500	0.70
SF31-8R2M	8.2	650	0.65
SF31-100K	10	750	0.60
SF31-120K	12	850	0.55
SF31-150K	15	1200	0.50
SF31-180K	18	1300	0.45
SF31-220K	22	1500	0.40
SF31-250K	25	2200	0.35
SF31-330K	33	2800	0.30
SF31-470K	47	4000	0.25
SF31-560K	56	4500	0.20
SF31-680K	68	5000	0.18
SF31-820K	82	6500	0.16
SF31-101K	100	7500	0.15
SF31-221K	220	14000	0.13
SF31-331K	330	22000	0.11
SF31-391K	390	26000	0.10

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  $-40^\circ\text{C}$  to  $+125^\circ\text{C}$ ;
6. Electrical specifications at  $+25^\circ\text{C}$ ;

Packing :  
Reel size: 12 mm  
Quantity: 3000 PCS/Reel

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

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