

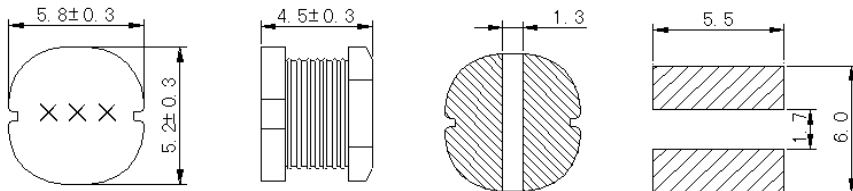
# SMD Power Inductors CD54 Series



CD54 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)
CD54-1R0M	1.0	15	5.90
CD54-1R5M	1.5	25	4.70
CD54-1R8M	1.8	30	4.00
CD54-2R2M	2.2	35	3.80
CD54-2R7M	2.7	40	3.40
CD54-3R3M	3.3	45	3.30
CD54-3R9M	3.9	50	2.90
CD54-4R7M	4.7	60	2.80
CD54-5R6M	5.6	70	2.40
CD54-6R8M	6.8	80	2.10
CD54-8R2M	8.2	90	2.00
CD54-100M	10	100	1.44
CD54-120M	12	120	1.40
CD54-150M	15	140	1.30
CD54-180M	18	150	1.23
CD54-220M	22	180	1.11
CD54-270M	27	200	0.97
CD54-330M	33	230	0.88
CD54-390M	39	320	0.80
CD54-470M	47	370	0.72
CD54-560M	56	420	0.68
CD54-680M	68	460	0.61
CD54-820M	82	600	0.58
CD54-101M	100	700	0.52
CD54-121M	120	930	0.48
CD54-151M	150	1100	0.40
CD54-181M	180	1380	0.38
CD54-221M	220	1570	0.35
CD54-271M	270	1650	0.32
CD54-331M	330	1700	0.28
CD54-391M	390	1800	0.26
CD54-471M	470	2300	0.23
CD54-561M	560	2500	0.20
CD54-681M	680	3000	0.19
CD54-821M	820	4500	0.16
CD54-102M	1000	4800	0.14

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: 1500 PCS/Reel

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