

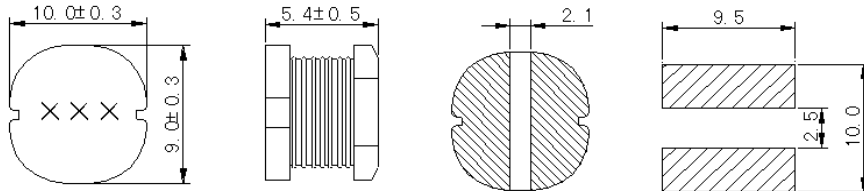
SMD Power Inductors CD105 Series



CD105 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)
CD105-1R2M	1.2	8	10.50
CD105-1R5M	1.5	10	9.50
CD105-2R2M	2.2	13	8.50
CD105-3R3M	3.3	15	7.50
CD105-3R9M	3.9	18	6.80
CD105-4R7M	4.7	20	6.00
CD105-5R6M	5.6	25	5.00
CD105-6R8M	6.8	30	4.20
CD105-8R2M	8.2	50	3.50
CD105-100M	10	60	2.60
CD105-120M	12	70	2.45
CD105-150M	15	80	2.27
CD105-180M	18	90	2.15
CD105-220M	22	100	1.95
CD105-270M	27	110	1.76
CD105-330M	33	120	1.50
CD105-390M	39	140	1.37
CD105-470M	47	170	1.28
CD105-560M	56	190	1.17
CD105-680M	68	220	1.11
CD105-820M	82	250	1.00
CD105-101M	100	350	0.97
CD105-121M	120	400	0.89
CD105-151M	150	470	0.78
CD105-181M	180	630	0.72
CD105-221M	220	730	0.66
CD105-271M	270	970	0.57
CD105-331M	330	1150	0.52
CD105-391M	390	1300	0.48
CD105-471M	470	1480	0.42
CD105-561M	560	1900	0.33
CD105-681M	680	2250	0.28
CD105-821M	820	2550	0.24
CD105-102M	1000	2700	0.20

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: 24 mm
Quantity: 1000 PCS/Reel

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