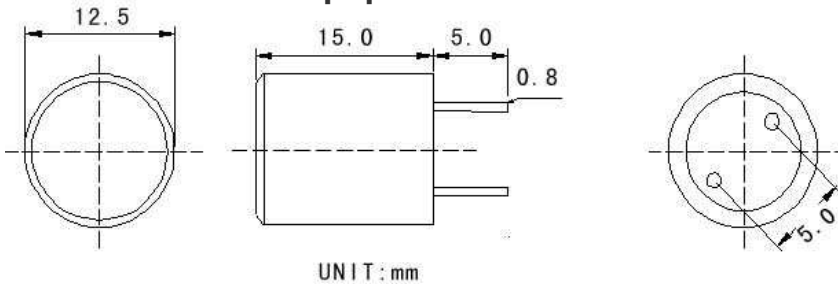


Pin Type Power Inductor CDF1214 Series



CDF1214 Series, Ideal as a choke coil for noise filtering. It is suitable for use in audio processing circuits for low, high and bandpass filtering.

Mainly used by Ideal for use as a power choke coil in general household appliances such as TV set, video appliances and industrial equipment. Can also be used as peaking coil in filtering applications. Communication equipment.



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 $+25^\circ\text{C}$;

PART NO	L(uH)	DCR max (mΩ)	IDC max (A)	TEST FREQ. (Hz)
CDF1214-100M	10	0.015	3.61	100KHz
CDF1214-150M	15	0.017	3.16	100KHz
CDF1214-180M	18	0.020	2.81	100KHz
CDF1214-220M	22	0.021	2.44	100KHz
CDF1214-270M	27	0.023	2.12	100KHz
CDF1214-330M	33	0.024	1.80	100KHz
CDF1214-390M	39	0.027	1.64	100KHz
CDF1214-470M	47	0.032	1.57	100KHz
CDF1214-560M	56	0.034	1.39	100KHz
CDF1214-680M	68	0.060	1.26	100KHz
CDF1214-820M	82	0.070	1.18	100KHz
CDF1214-101M	100	0.090	1.14	100KHz
CDF1214-151M	150	0.11	0.82	100KHz
CDF1214-181M	180	0.12	0.73	100KHz
CDF1214-221M	220	0.14	0.61	100KHz
CDF1214-271M	270	0.16	0.54	100KHz
CDF1214-331M	330	0.17	0.52	100KHz
CDF1214-391M	390	0.32	0.48	100KHz
CDF1214-471M	470	0.35	0.44	100KHz
CDF1214-561M	560	0.39	0.40	100KHz
CDF1214-681M	680	0.44	0.38	100KHz
CDF1214-821M	820	0.48	0.28	100KHz
CDF1214-102M	1000	0.53	0.27	100KHz
CDF1214-122M	1200	0.66	0.26	100KHz
CDF1214-152M	1500	0.86	0.23	100KHz
CDF1214-182M	1800	0.95	0.21	100KHz
CDF1214-222M	2200	1.07	0.18	100KHz

In Bulk Packing

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