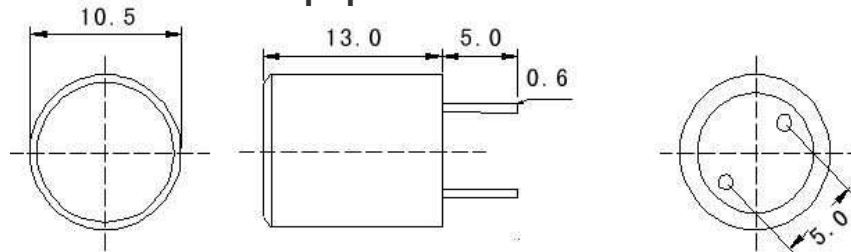


Pin Type Power Inductor CDF1012 Series

CDF1012 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.



UNIT: mm

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. $\Delta T = 40^\circ C$ rise typ. at Irms;
5. Operating temperature range $-40^\circ C$ to $+125^\circ C$;
6. Electrical specifications at $+25^\circ C$;

PART NO	L(mH)	DCR max (mΩ)	IDC max (A)	TEST FREQ. (Hz)
CDF1012-102M	1.0	3.4	55	50KHz
CDF1012-122M	1.2	3.7	52	50KHz
CDF1012-152M	1.5	4.0	47	50KHz
CDF1012-182M	1.8	4.5	44	50KHz
CDF1012-222M	2.2	5.2	41	50KHz
CDF1012-272M	2.7	5.8	37	50KHz
CDF1012-332M	3.3	6.1	33	50KHz
CDF1012-392M	3.9	7.2	30	50KHz
CDF1012-472M	4.7	7.5	28	50KHz
CDF1012-562M	5.6	8.4	25	50KHz
CDF1012-682M	6.8	9.7	23	50KHz
CDF1012-882M	8.8	10.4	21	50KHz
CDF1012-103M	10.0	12.1	18	50KHz
CDF1012-123M	12.0	13.0	17	50KHz
CDF1012-153M	15.0	15.0	15	50KHz
CDF1012-183M	18.0	17.0	13	50KHz
CDF1012-223M	22.0	19.5	11	50KHz
CDF1012-273M	27.0	22.0	10	50KHz
CDF1012-333M	33.0	26.0	9	50KHz
CDF1012-393M	39.0	45.0	8	50KHz
CDF1012-473M	47.0	52.0	8	50KHz
CDF1012-563M	56.0	58.0	7	50KHz
CDF1012-683M	68.0	67.0	6	50KHz
CDF1012-823M	82.0	71.0	5	50KHz
CDF1012-104M	100.0	82.0	5	50KHz
CDF1012-124M	120.0	97.0	5	50KHz

In Bulk Packing

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