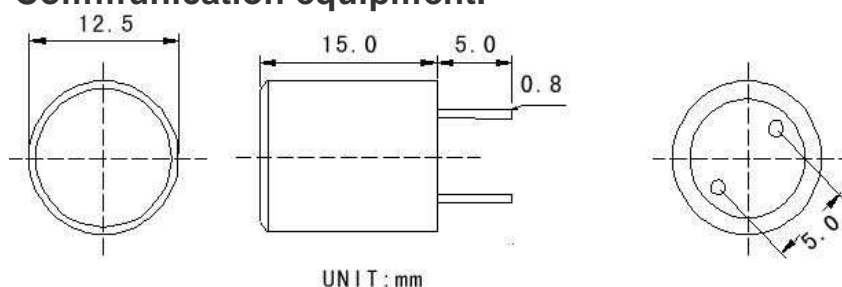


## Pin Type Power Inductor PKF1214 Series



PKF1214 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.  $\Delta T = 40^\circ\text{C}$  rise typ. at Irms;
5. Operating temperature range  $-40^\circ\text{C}$  to  $+125^\circ\text{C}$ ;
6. Electrical specifications at  $+25^\circ\text{C}$ ;

PART NO	L(uH)	DCR max (mΩ)	IDC max (A)	TEST FREQ. (Hz)
PKF1214-100M	10	0.015	3.61	100KHz
PKF1214-150M	15	0.017	3.16	100KHz
PKF1214-180M	18	0.020	2.81	100KHz
PKF1214-220M	22	0.021	2.44	100KHz
PKF1214-270M	27	0.023	2.12	100KHz
PKF1214-330M	33	0.024	1.80	100KHz
PKF1214-390M	39	0.027	1.64	100KHz
PKF1214-470M	47	0.032	1.57	100KHz
PKF1214-560M	56	0.034	1.39	100KHz
PKF1214-680M	68	0.060	1.26	100KHz
PKF1214-820M	82	0.070	1.18	100KHz
PKF1214-101M	100	0.090	1.14	100KHz
PKF1214-151M	150	0.11	0.82	100KHz
PKF1214-181M	180	0.12	0.73	100KHz
PKF1214-221M	220	0.14	0.61	100KHz
PKF1214-271M	270	0.16	0.54	100KHz
PKF1214-331M	330	0.17	0.52	100KHz
PKF1214-391M	390	0.32	0.48	100KHz
PKF1214-471M	470	0.35	0.44	100KHz
PKF1214-561M	560	0.39	0.40	100KHz
PKF1214-681M	680	0.44	0.38	100KHz
PKF1214-821M	820	0.48	0.28	100KHz
PKF1214-102M	1000	0.53	0.27	100KHz
PKF1214-122M	1200	0.66	0.26	100KHz
PKF1214-152M	1500	0.86	0.23	100KHz
PKF1214-182M	1800	0.95	0.21	100KHz
PKF1214-222M	2200	1.07	0.18	100KHz

In Bulk Packing

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

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