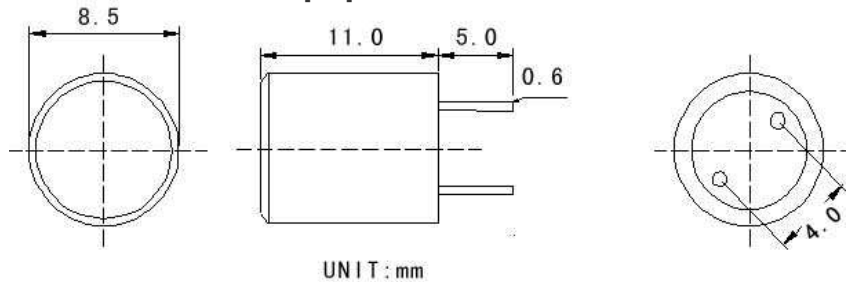


Pin Type Power Inductor PKF0810 Series

PKF0810 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(mH)	DCR max (m Ω)	IDC max (A)	TEST FREQ. (Hz)
PKF0810-102M	1.0	4.7	57	50KHz
PKF0810-122M	1.2	5.1	50	50KHz
PKF0810-152M	1.5	5.9	46	50KHz
PKF0810-182M	1.8	6.6	41	50KHz
PKF0810-222M	2.2	7.8	37	50KHz
PKF0810-272M	2.7	9.0	34	50KHz
PKF0810-332M	3.3	10.0	30	50KHz
PKF0810-392M	3.9	11.5	28	50KHz
PKF0810-472M	4.7	12.6	25	50KHz
PKF0810-562M	5.6	17.2	23	50KHz
PKF0810-682M	6.8	19.0	20	50KHz
PKF0810-882M	8.8	22.0	18	50KHz
PKF0810-103M	10.0	25.0	15	50KHz
PKF0810-123M	12.0	28.0	14	50KHz
PKF0810-153M	15.0	33.0	12	50KHz
PKF0810-183M	18.0	42.0	11	50KHz
PKF0810-223M	22.0	48.0	10	50KHz
PKF0810-273M	27.0	56.0	10	50KHz
PKF0810-333M	33.0	64.0	9	50KHz
PKF0810-393M	39.0	72.0	8	50KHz
PKF0810-473M	47.0	82.0	8	50KHz

In Bulk Packing

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

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