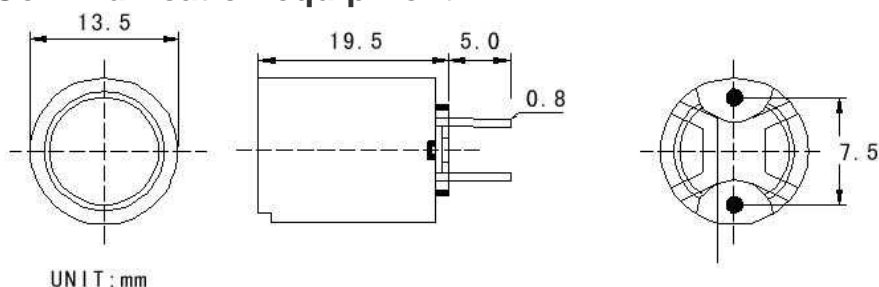


Pin Type Power Inductor PKB1319 Series

PKB1319 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.



PART NO	L(uH)	DCR max (mΩ)	IDC max (A)	TEST FREQ. (Hz)
PKB1319-100M	10	0.015	3.61	100KHz
PKB1319-150M	15	0.017	3.16	100KHz
PKB1319-180M	18	0.020	2.81	100KHz
PKB1319-220M	22	0.021	2.44	100KHz
PKB1319-270M	27	0.023	2.12	100KHz
PKB1319-330M	33	0.024	1.80	100KHz
PKB1319-390M	39	0.027	1.64	100KHz
PKB1319-470M	47	0.032	1.57	100KHz
PKB1319-560M	56	0.034	1.39	100KHz
PKB1319-680M	68	0.060	1.26	100KHz
PKB1319-820M	82	0.070	1.18	100KHz
PKB1319-101M	100	0.090	1.14	100KHz
PKB1319-151M	150	0.11	0.82	100KHz
PKB1319-181M	180	0.12	0.73	100KHz
PKB1319-221M	220	0.14	0.61	100KHz
PKB1319-271M	270	0.16	0.54	100KHz
PKB1319-331M	330	0.17	0.52	100KHz
PKB1319-391M	390	0.32	0.48	100KHz
PKB1319-471M	470	0.35	0.44	100KHz
PKB1319-561M	560	0.39	0.40	100KHz
PKB1319-681M	680	0.44	0.38	100KHz
PKB1319-821M	820	0.48	0.28	100KHz
PKB1319-102M	1000	0.53	0.27	100KHz
PKB1319-122M	1200	0.66	0.26	100KHz
PKB1319-152M	1500	0.86	0.23	100KHz
PKB1319-182M	1800	0.95	0.21	100KHz
PKB1319-222M	2200	1.07	0.18	100KHz

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

In Bulk Packing

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

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