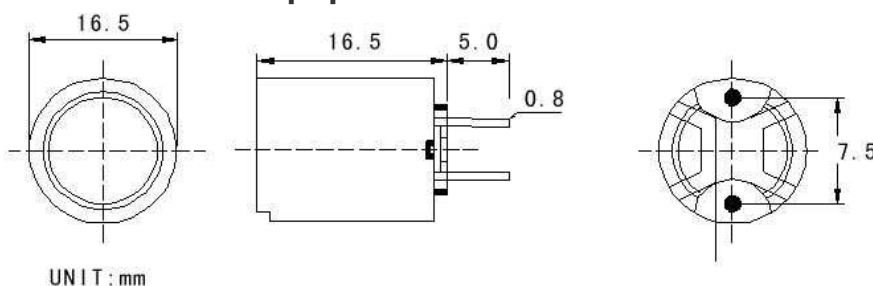


Pin Type Power Inductor PKB1616 Series

PKB1616 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)
PKB1616-4R7M	4.7	6.7	12.6	100KHz
PKB1616-6R8M	6.8	9.35	9.8	100KHz
PKB1616-100M	10	10.5	9.3	100KHz
PKB1616-120M	12	11	8.5	100KHz
PKB1616-150M	15	14.5	7.1	100KHz
PKB1616-180M	18	16.5	6.7	100KHz
PKB1616-220M	22	17	6.2	100KHz
PKB1616-270M	27	20	5.6	100KHz
PKB1616-330M	33	27	5.0	100KHz
PKB1616-390M	39	33	4.6	100KHz
PKB1616-470M	47	37	4.2	100KHz
PKB1616-560M	56	45	3.8	100KHz
PKB1616-680M	68	56	3.3	100KHz
PKB1616-820M	82	64.5	2.9	100KHz
PKB1616-101M	100	68	2.7	100KHz
PKB1616-121M	120	80	2.5	100KHz
PKB1616-151M	150	91	2.3	100KHz
PKB1616-181M	180	135	2.0	100KHz
PKB1616-221M	220	155	1.8	100KHz
PKB1616-271M	270	180	1.7	100KHz
PKB1616-331M	330	240	1.5	100KHz
PKB1616-391M	390	255	1.3	100KHz
PKB1616-471M	470	280	1.2	100KHz
PKB1616-561M	560	380	1.1	100KHz
PKB1616-681M	680	515	1.0	100KHz
PKB1616-821M	820	575	0.96	100KHz
PKB1616-102M	1000	665	0.85	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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