

Lead Type Fixed Inductors

Radial Shielded Choke Coils PKB Series(徑向磁遮蔽電感線圈-----PKB 系列)



Features(特徵):

1. Magnetically shielded with stand-off is incorporated to core body. (具磁遮蔽，支座與鐵芯本體結合。)
2. Rugged reliability and performance fixed inductor. (嚴格的可靠度及表現一致的電感。)

Applications(應用):

Excellent as DC-DC converter boost or buck inductors. Also used for filtering applications.
適合用於直流—直流整流器或作為低階電感，也可用於濾波應用。

Shape & Dimensions(外觀呎吋):

Figure.A

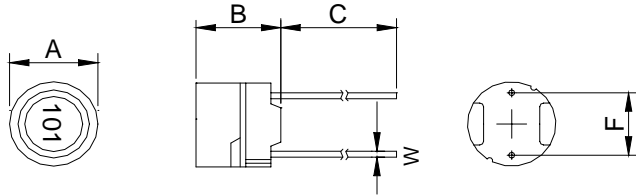
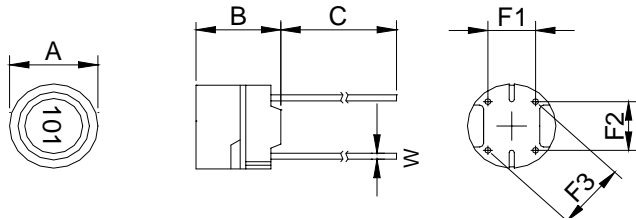


Figure.B



Item	PKB0807	PKB1008	PKB1010
A	7.8±0.5	10.0±0.5	10.0±0.5
B	7.5±0.5	8.0±0.5	10.0±0.5
C	15.0±0.3	15.0±0.3	15.0±0.3
F	5.0±0.5	--	--
W	0.65±0.05	0.65±0.05	0.65±0.05
F1	--	4.0±0.3	4.0±0.3
F2	--	5.0±0.3	5.0±0.3
F3	--	6.4±0.3	6.4±0.3
Figure	A	B	B

Unit: mm

Specification(規格):

PKB0807 Series:

Part Number	Inductance (μH)	Test Frequency (Hz)	DC Resistance (Ohms) Max	Rated Current (A) Max
PKB 0807-220L	22±15%	1V/2.52M	0.08	1.6
PKB 0807-270L	27±15%	1V/2.52M	0.10	1.4
PKB 0807-330L	33±15%	1V/2.52M	0.14	1.3
PKB 0807-390L	39±15%	1V/2.52M	0.15	1.2
PKB 0807-470L	47±15%	1V/2.52M	0.17	1.1
PKB 0807-560K	56±10%	1V/2.52M	0.19	0.99
PKB 0807-680K	68±10%	1V/2.52M	0.21	0.89
PKB 0807-820K	82±10%	1V/2.52M	0.27	0.81
PKB 0807-101K	100±10%	1V/1K	0.32	0.74
PKB 0807-121K	120±10%	1V/1K	0.36	0.67
PKB 0807-151K	150±10%	1V/1K	0.51	0.6
PKB 0807-181K	180±10%	1V/1K	0.57	0.55
PKB 0807-221K	220±10%	1V/1K	0.76	0.50
PKB 0807-271K	270±10%	1V/1K	0.86	0.45
PKB 0807-331K	330±10%	1V/1K	0.97	0.41
PKB 0807-391K	390±10%	1V/1K	1.28	0.37
PKB 0807-471K	470±10%	1V/1K	1.44	0.34
PKB 0807-561K	560±10%	1V/1K	1.61	0.31
PKB 0807-681K	680±10%	1V/1K	2.07	0.28
PKB 0807-821K	820±10%	1V/1K	2.33	0.26
PKB 0807-102K	1000±10%	1V/1K	2.72	0.23

Test Equipment Inductance: WK3260B LCR Meter / DC Resistance:HP4338B Milliohms Meter.

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PKB1008 Series:

Part Number	Inductance (μH)	Test Frequency (Hz)	DC Resistance (Ohms) Max	Rated Current (A) Max
PKB 1008-100M	10 \pm 20%	1V/2.52M	0.05	2.80
PKB 1008-120M	12 \pm 20%	1V/2.52M	0.06	2.50
PKB 1008-150M	15 \pm 20%	1V/2.52M	0.07	2.30
PKB 1008-180M	18 \pm 25%	1V/2.52M	0.08	2.10
PKB 1008-220M	22 \pm 20%	1V/2.52M	0.09	2.00
PKB 1008-270M	27 \pm 20%	1V/2.52M	0.10	1.76
PKB 1008-330M	33 \pm 20%	1V/2.52M	0.11	1.60
PKB 1008-390M	39 \pm 20%	1V/2.52M	0.12	1.38
PKB 1008-470M	47 \pm 20%	1V/2.52M	0.14	1.28
PKB 1008-560K	56 \pm 10%	1V/2.52M	0.15	1.20
PKB 1008-680K	68 \pm 10%	1V/2.52M	0.16	1.00
PKB 1008-820K	82 \pm 10%	1V/2.52M	0.18	0.96
PKB 1008-101K	100 \pm 10%	1V/1K	0.20	0.82
PKB 1008-121K	120 \pm 10%	1V/1K	0.24	0.80
PKB 1008-151K	150 \pm 10%	1V/1K	0.35	0.73
PKB 1008-181K	180 \pm 10%	1V/1K	0.40	0.64
PKB 1008-221K	220 \pm 10%	1V/1K	0.54	0.61
PKB 1008-271K	270 \pm 10%	1V/1K	0.76	0.56
PKB 1008-331K	330 \pm 10%	1V/1K	0.86	0.50
PKB 1008-391K	390 \pm 10%	1V/1K	0.93	0.44
PKB 1008-471K	470 \pm 10%	1V/1K	1.23	0.41
PKB 1008-561K	560 \pm 10%	1V/1K	1.34	0.38
PKB 1008-681K	680 \pm 10%	1V/1K	1.53	0.34

Test Equipment Inductance: WK3260B LCR Meter / DC Resistance: HP4338B Milliohms Meter.

PKB1010 Series:

Part Number	Inductance (μH)	Test Frequency (Hz)	DC Resistance (Ohms) Max	Rated Current (A) Max
PKB 1010-100M	10 \pm 20%	1V/2.52M	0.023	3.51
PKB 1010-120M	12 \pm 20%	1V/2.52M	0.024	3.24
PKB 1010-150M	15 \pm 20%	1V/2.52M	0.036	2.88
PKB 1010-180M	18 \pm 25%	1V/2.52M	0.039	2.61
PKB 1010-220M	22 \pm 20%	1V/2.52M	0.042	2.34
PKB 1010-270M	27 \pm 20%	1V/2.52M	0.045	2.16
PKB 1010-330M	33 \pm 20%	1V/2.52M	0.057	1.89
PKB 1010-390M	39 \pm 20%	1V/2.52M	0.076	1.80
PKB 1010-470M	47 \pm 20%	1V/2.52M	0.10	1.62
PKB 1010-560K	56 \pm 10%	1V/2.52M	0.11	1.44
PKB 1010-680K	68 \pm 10%	1V/2.52M	0.15	1.35
PKB 1010-820K	82 \pm 10%	1V/2.52M	0.16	1.26
PKB 1010-101K	100 \pm 10%	1V/1K	0.19	1.08
PKB 1010-121K	120 \pm 10%	1V/1K	0.21	0.99
PKB 1010-151K	150 \pm 10%	1V/1K	0.23	0.90
PKB 1010-181K	180 \pm 10%	1V/1K	0.26	0.82
PKB 1010-221K	220 \pm 10%	1V/1K	0.29	0.74
PKB 1010-271K	270 \pm 10%	1V/1K	0.36	0.67
PKB 1010-331K	330 \pm 10%	1V/1K	0.51	0.61
PKB 1010-391K	390 \pm 10%	1V/1K	0.69	0.55
PKB 1010-471K	470 \pm 10%	1V/1K	0.98	0.51
PKB 1010-561K	560 \pm 10%	1V/1K	1.10	0.46
PKB 1010-681K	680 \pm 10%	1V/1K	1.20	0.42
PKB 1010-821K	820 \pm 10%	1V/1K	1.30	0.38

Test Equipment Inductance: WK3260B LCR Meter / DC Resistance: HP4338B Milliohms Meter.