Power Inductor 6 mm OD Bobbin Core Radial (PIBOO608 Series)





MAX. DIM: L = 7.50 mmW= 8.51 mm H = 10.54 mm

- Suitable for filtering in RF and audio circuits.
- Winding encapsulated in heat shrink tube.
- High SRF and Q value.
- High inductance for large current.

MECHANICAL SPECIFICATIONS

Front View	Side View	PCB Layout (Top)	Schematic		
C C 1	± 0.020 D 2 2 0.025 [0.63]	0.197	1 • • • • • • • • • • • • • • • • • • •		

ELECTRICAL SPECIFICATIONS

FALCO PART NUMBER	L(mH) 1	TOL	Freq.	DCR ()	Isat (ADC) 2	Irms (amp) 3	SRF (MHz)	A max.	B max.	C max.	D nom.
			(KHz)	max.	typ.	max.	(typ.	in / mm	in / mm	in / mm	in / mm
B02008	1.00	±10%	1.0	5.00	0.55	0.450	1.30	0.295 / 7.50	0.335 / 8.51	0.415 / 10.54	0.250 / 6.35

1. Inductance tested at 0.25 V.

2. Inductance drop 10% typ at Isat.

3. Termperature rise is 40°C Typ.

4. L and DCR tested at Ta=25°C.

PIB00608.PDF REV: B 06/03 phone (305) 662-7276 e-mail:sales@falcomex.com www.falco.com

e-fax: (520) 752-3268