Power Inductor 15 mm OD Toroid (PIT01506 Series)

POWER MAGNETIC

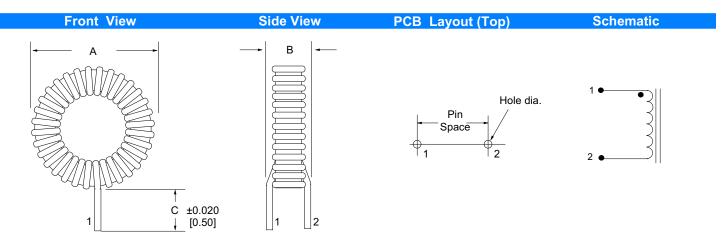




MAX. DIM :	
MAX. DIM : L = 19.56 mm	
W= 9.40 mm	
H = 18.52 mm	

- Used as input or ouput choke in switch mode power supplies and switching regulators.
- Toroidal construction for EMI reduction.
- Inductance range available from 9.8 µH to 130 µH

MECHANICAL SPECIFICATIONS



INCHES [mm]

ELECTRICAL SPECIFICATIONS

FALCO PART NUMBER	L(µH) ¹	TOL	Freq. (KHz)	DCR ()	Isat (ADC) 2	Irms (amp) 3	A max. in / mm	B max. in / mm	C max. in / mm	D nom. in / mm	Hole dia. in / mm	Pin space in / mm
T60014	18.80	±10%	(KHZ) 100	max. 0.012	typ. 5.40	max. 8.50	0.770 / 19.56	0.370 / 9.40	0.730 / 18.52	0.250 / 6.35	0.050 / 1.27	0.295 / 7.49
100014	10.00	110%	100	0.012	0.40	0.00	0.7707 19.50	0.3/0/9.40	0.7307 10.32	0.20070.00	0.03071.27	0.29577.49
		<u> </u>										
1. Inductance tes												
2. Inductance dro	op 30% ty	p. at I	sat.									
 Temperature r L and DCR test 	ISE IS 40	-25°C	<u> </u>									
5. Operating Ten				$^{\circ}$ C to +85	°C							
5. Operating Tell	iperature	ixany	040	0.00.00	. 0.							
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