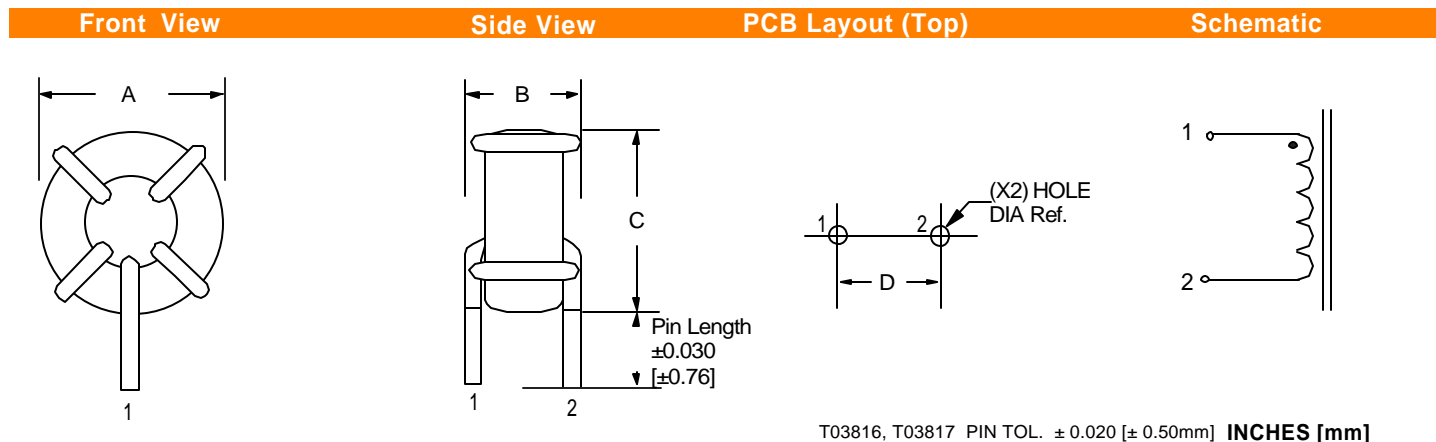




**MAX. DIM :**  
L = 13.72 mm  
W = 8.38 mm  
H = 12.45 mm

- For use in high frequency DC/DC converters.
- Low radiation.
- Low core loss
- Current handling up to 11.50 Amps.
- Energy storage of 110 µJ.

## MECHANICAL SPECIFICATIONS



## ELECTRICAL SPECIFICATIONS

FALCO PART NUMBER	RoHS PART NUMBER	OCL(µH) <sup>1</sup>	TOL	DCR (W max)	I rating <sup>2</sup> (Amp)	A max. in / mm	B max. in / mm	C max. in / mm	D Ref. in / mm	Pin Length in / mm	Hole Dia. in / mm
T03812	*T03816	1.62	± 15%	0.0085	11.50	0.540 / 13.72	0.330 / 8.38	0.480 / 12.19	0.240 / 6.10	0.250 / 6.35	0.040 / 1.01
	T03813	2.42	± 15%	0.0126	6.00	0.540 / 13.72	0.330 / 8.38	0.480 / 12.19	0.240 / 6.10	0.250 / 6.35	0.037 / 0.94
T03811	*T03817	5.12	± 15%	0.0222	6.80	0.490 / 12.45	0.290 / 7.37	0.490 / 12.45	0.230 / 5.84	0.250 / 6.35	0.034 / 0.86

\*PIN LENGTH 0.138 [3.50]



RoHS COMPLIANT PRODUCT

1. Inductance tested at 100 KHz 0.25 V.  
2. Temperature rise is 40°C Typ.  
3. Operating Temp. range -40° to +105°C.

Inductance vs Current

