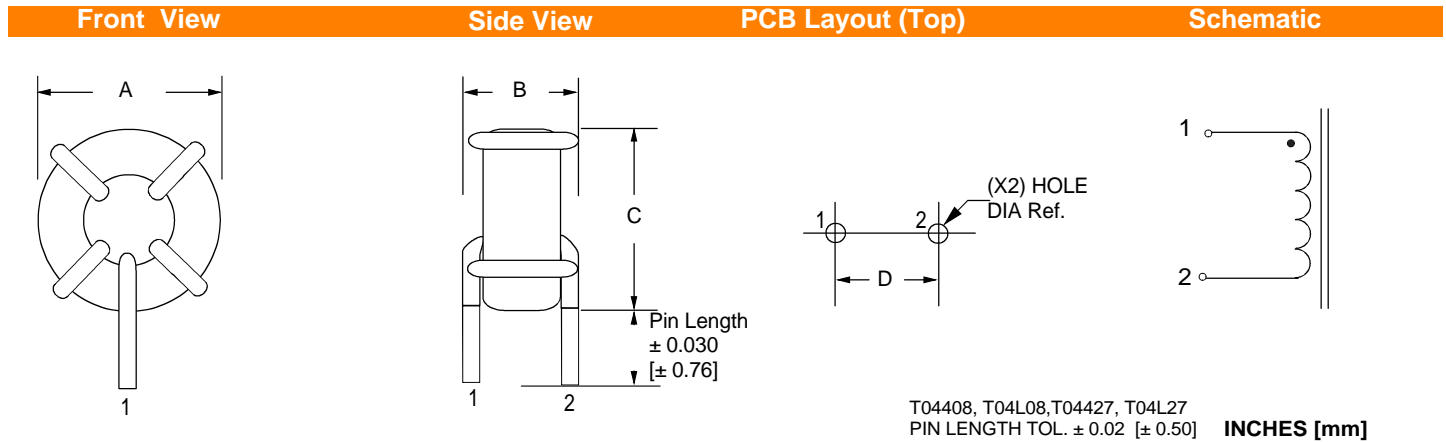




**MAX. DIM :**  
L = 16.51 mm  
W = 12.50 mm  
H = 14.73 mm

- For use in high frequency DC/DC converters.
- Low radiation.
- Low core loss
- Current handling up to 21 Amps.
- Energy storage of 100  $\mu$ J.

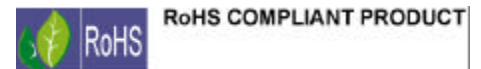
**MECHANICAL SPECIFICATIONS**



**ELECTRICAL SPECIFICATIONS**

FALCO PART NUMBER	RoHS PART NUMBER	OCL( $\mu$ H) <sup>1</sup>	TOL	DCR (( 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
T04A10		0.45	$\pm$ 20%	0.00098	21.00	0.610 / 15.50	0.492 / 12.50	0.452 / 11.50	0.385 / 9.80	0.150 / 3.81	0.075 / 1.90
T04410	T04L10	0.45	$\pm$ 12%	0.00150	20.00	0.650 / 16.51	0.450 / 11.43	0.580 / 14.73	0.320 / 8.13	0.250 / 6.35	0.067 / 1.70
T04405	T04L05	0.70	$\pm$ 12%	0.00192	18.00	0.650 / 16.51	0.450 / 11.43	0.550 / 13.97	0.330 / 8.38	0.250 / 6.35	0.063 / 1.60
T04408	**T04L08	1.00	$\pm$ 12%	0.00220	15.00	0.650 / 16.51	0.450 / 11.43	0.580 / 14.73	0.350 / 8.89	0.250 / 6.35	0.062 / 1.57
T04427	***T04L27	1.37	$\pm$ 15%	0.00240	22.50	0.620 / 15.75	0.420 / 10.67	0.550 / 13.97	0.330 / 8.38	0.250 / 6.35	0.063 / 1.60
T04425	T04L25	10.10	$\pm$ 15%	0.02020	*8.00	0.560 / 14.22	0.480 / 12.19	0.550 / 13.97	0.380 / 9.65	0.250 / 6.35	0.040 / 1.01

\*  $\Delta$ T = 50°C  
\*\*PIN LENGTH 0.138 [3.50]  
\*\*\*PIN LENGTH 0.142 [3.60]



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

