

# Power Inductors Shielded - THT Toroidal 10 mm

POWER INDUCTORS



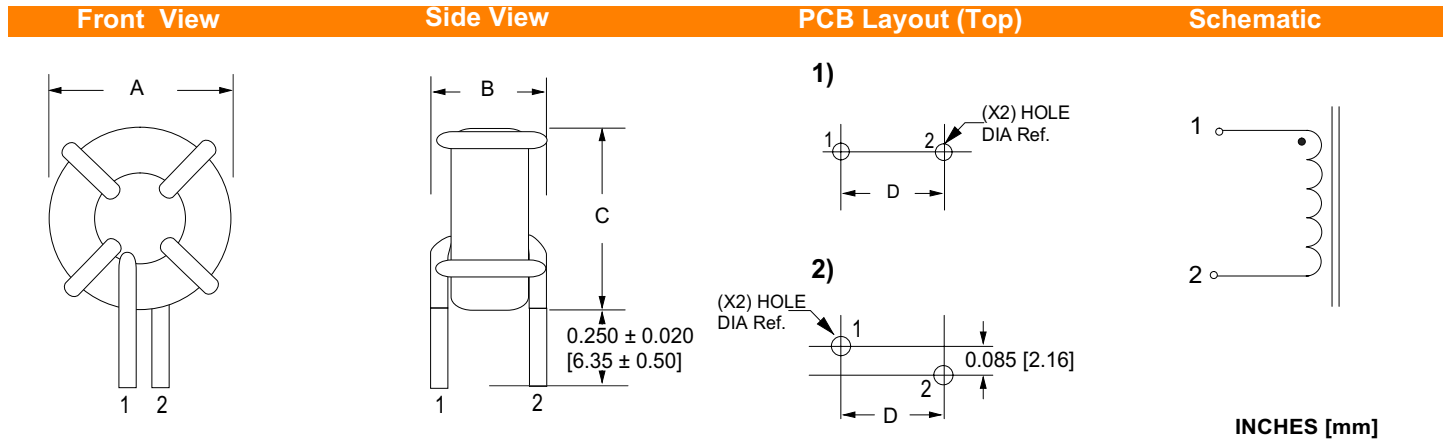
( TTIF1003 Series )



**MAX. DIM :**  
**L = 14.73 mm**  
**W = 8.89 mm**  
**H = 13.21 mm**

- For use in high frequency DC/DC converters.
- Low radiation.
- Low core loss.
- Current handling up to 24 Amps.
- Energy storage of 170  $\mu$ J.

## MECHANICAL SPECIFICATIONS



## ELECTRICAL SPECIFICATIONS

FALCO PART NUMBER	OCL( $\mu$ H) <sup>1</sup>	TOL	DCR ( $\Omega$ max)	I rating <sup>2</sup> (Amp)	A max. in / mm	B max. in / mm	C max. in / mm	D Ref. in / mm	Hole Dia. in / mm	PCB LAYOUT
T03805	0.40	$\pm 15\%$	0.00114	24.00	0.580 / 14.73	0.350 / 8.89	0.520 / 13.21	0.220 / 5.59	0.060 / 1.52	1
T03806	0.60	$\pm 10\%$	0.00132	18.00	0.580 / 14.73	0.350 / 8.89	0.520 / 13.21	0.220 / 5.59	0.060 / 1.52	2

1. Inductance tested at 10 KHz 0.25 V.
2. Temperature rise is 40°C Typ.
3. Operating Temp. range -40° to +105°C.

