

Power Inductors Shielded - THT Toroidal 18 mm

POWER INDUCTORS

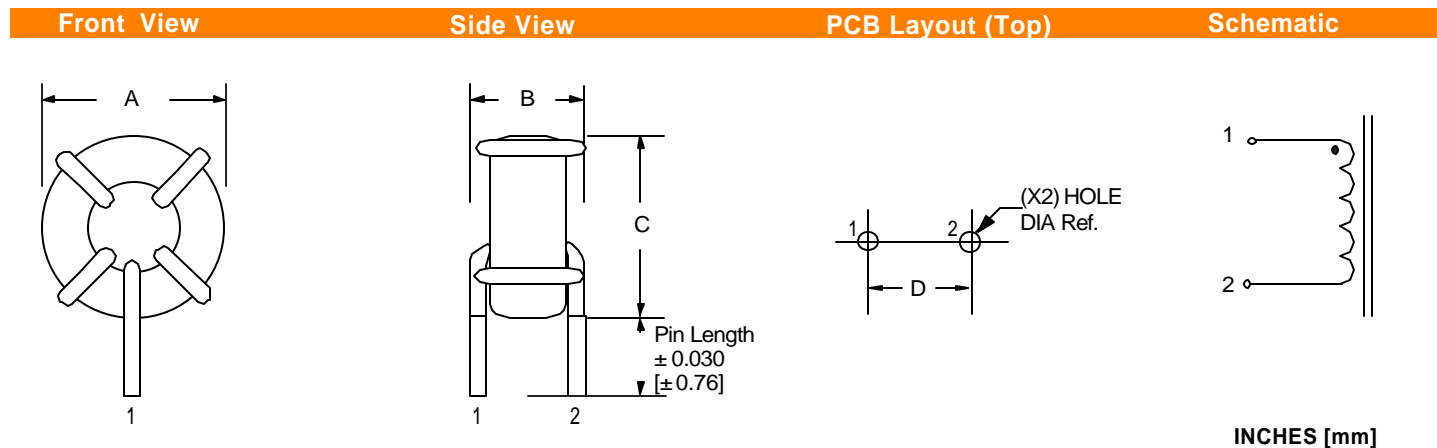
(TTID1806 Series)



MAX. DIM :
L = 22.86 mm
W= 12.95 mm
H = 21.84 mm

- For use in high frequency DC/DC converters.
- Low radiation.
- Low core loss
- Current handling up to 18 Amps.
- Energy storage of 310 μ J.

MECHANICAL SPECIFICATIONS



ELECTRICAL SPECIFICATIONS

FALCO PART NUMBER	RoHS PART NUMBER	OCL(μ H) ¹	TOL	DCR (W max)	I rating ² (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
T68002		1.95 \pm 10%		0.0030	18.00	0.815 / 20.70	0.400 / 10.16	0.800 / 20.32	0.320 / 8.13	0.250 / 6.35	0.063 / 1.60
T68031	T68L31	33.70 \pm 12%		0.0127	*10.00	0.900 / 22.86	0.510 / 12.95	0.860 / 21.84	0.400 / 10.16	0.250 / 6.35	0.055 / 1.39



RoHS COMPLIANT PRODUCT

1. Inductance tested at 100 KHz 0.25 V.
 2. Temperature rise is 40°C Typ. * Δ T=45°C
 3. Operating Temp. range -40° to +105°C.

Inductance vs Current

