

Power Inductors Shielded - THT Toroidal 13 mm

POWER INDUCTORS

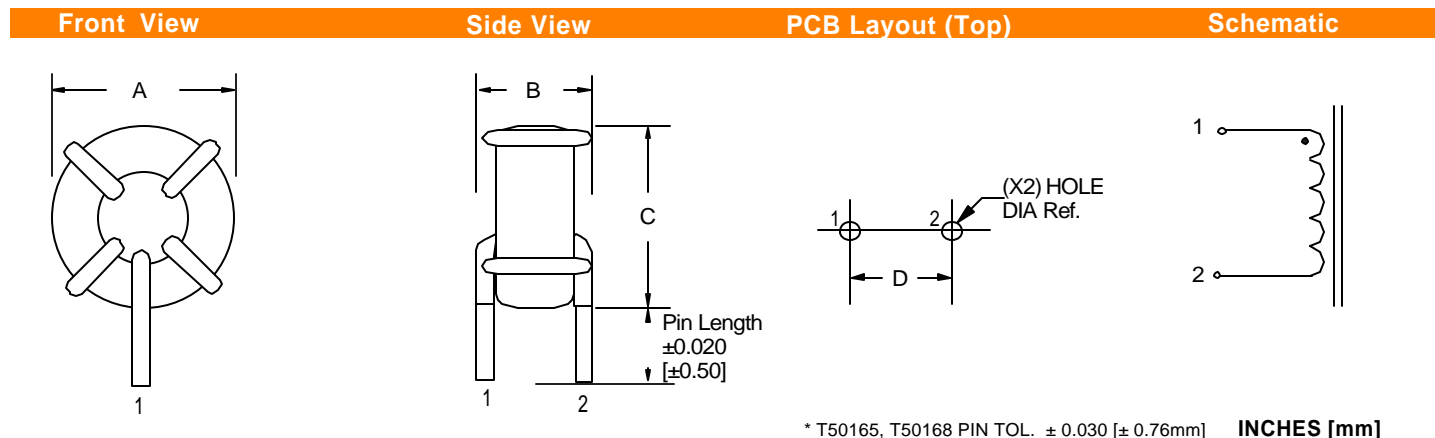
(TTID1306 Series)



MAX. DIM :
L = 19.05 mm
W = 12.50 mm
H = 18.03 mm

- For use in high frequency DC/DC converters.
- Low radiation.
- Low core loss
- Current handling up to 27.50 Amps.
- Energy storage of 480 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
T50165		2.78	$\pm 10\%$	0.00305	18.50	0.750 / 19.05	0.450 / 11.43	0.650 / 16.51	0.320 / 8.13	0.250 / 6.35	0.063 / 1.60
T50168		2.80	$\pm 15\%$	0.00227	27.50	0.730 / 18.54	0.450 / 11.43	0.650 / 16.51	0.360 / 9.14	0.315 / 8.00	0.073 / 1.85
T50005		4.35	$\pm 12\%$	0.00450	14.50	0.710 / 18.03	0.460 / 11.68	0.710 / 18.03	0.335 / 8.51	0.250 / 6.35	0.067 / 1.70
	T50068	5.20	$\pm 20\%$	0.00600	13.00	0.709 / 18.00	0.433 / 11.00	0.709 / 18.00	0.315 / 8.00	0.118 / 3.00	0.056 / 1.42
T5B130	T5L130	6.30	$\pm 15\%$	0.00530	12.00	0.700 / 17.78	0.492 / 12.50	0.700 / 17.78	0.375 / 9.53	0.138 / 3.51	0.068 / 1.73



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

