

Power Inductors Shielded - THT Toroidal 11 mm

POWER INDUCTORS

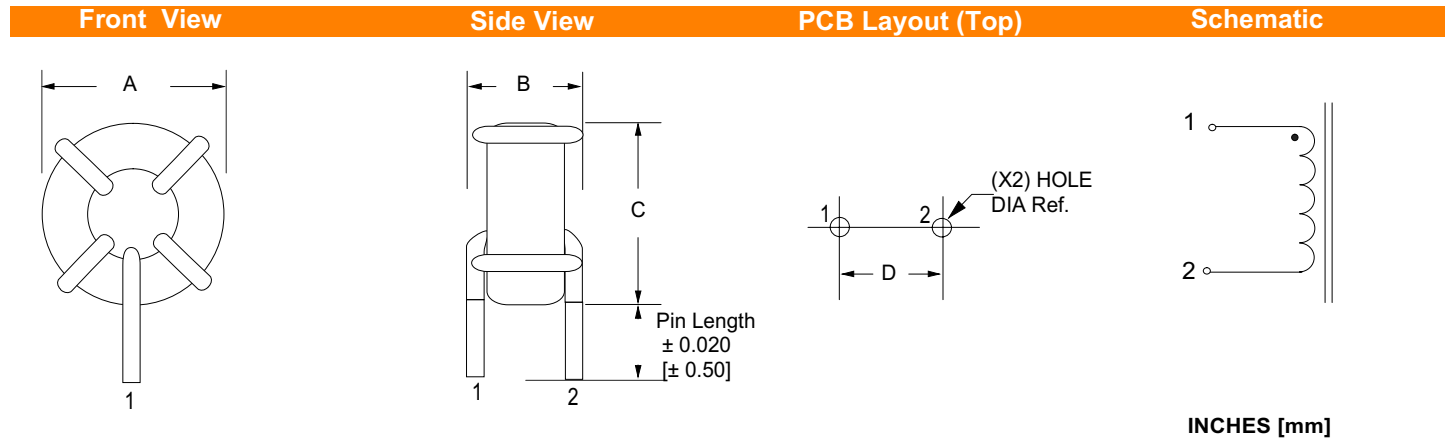
(TTID1108 Series)



MAX. DIM :
L = 17.50 mm
W = 13.00 mm
H = 14.40 mm

- For use in high frequency DC/DC converters.
- Low radiation.
- Low core loss
- Current handling up to 17 Amps.
- Energy storage of 200 μ J.

MECHANICAL SPECIFICATIONS



ELECTRICAL SPECIFICATIONS

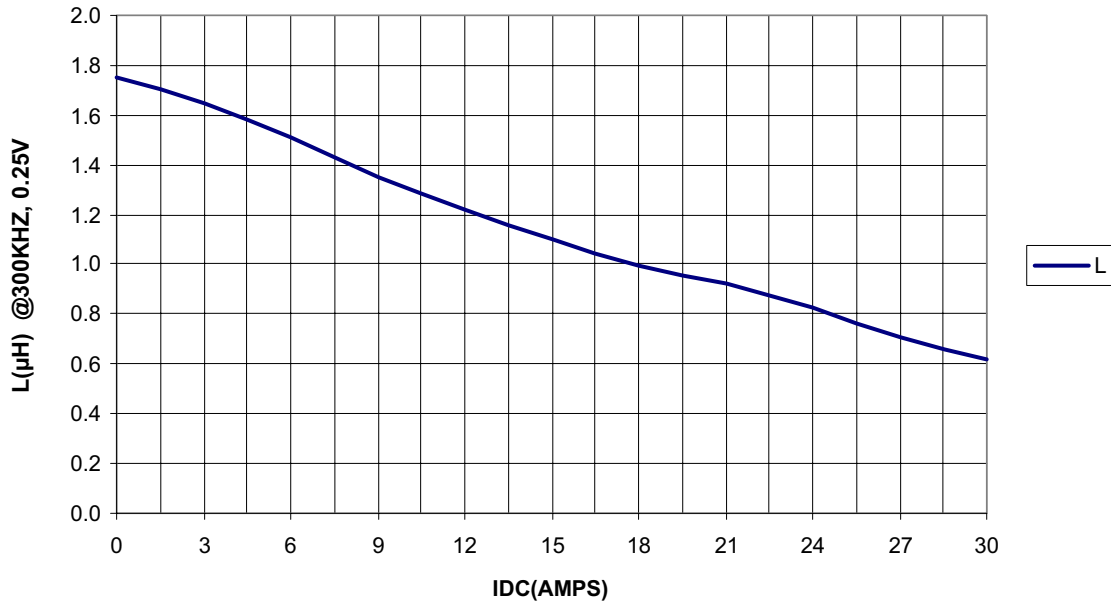
FALCO PART NUMBER	RoHS PART NUMBER	OCL(μ H) ¹	TOL	DCR (Ω max)	I rating ² (Amp)	A max. in / mm	B max. in / mm	C max. in / mm	D Ref. in / mm	Pin Length in/mm	Hole Dia. in / mm
	T04442	1.750	$\pm 17\%$	0.0028	15.00	0.600 / 15.24	0.500 / 12.70	0.535 / 13.60	0.450 / 11.43	0.157 / 4.00	0.085 / 2.16
	T04461	*1.800	$\pm 20\%$	0.0050	14.00	0.690 / 17.50	0.512 / 13.00	0.567 / 14.40	0.394 / 10.00	0.157 / 4.00	0.065 / 1.65



RoHS COMPLIANT PRODUCT

1. Inductance tested at 300 KHz 0.1 V, * 1.0 V.
 2. Temperature rise is 40°C Typ.
 3. Operating Temp. range -40° to +105°C.

INDUCTANCE vs CURRENT
T04442



TEMPERATURE RISE vs CURRENT
T04442

