

Power Inductors Shielded - THT Toroidal 18 mm

POWER INDUCTORS



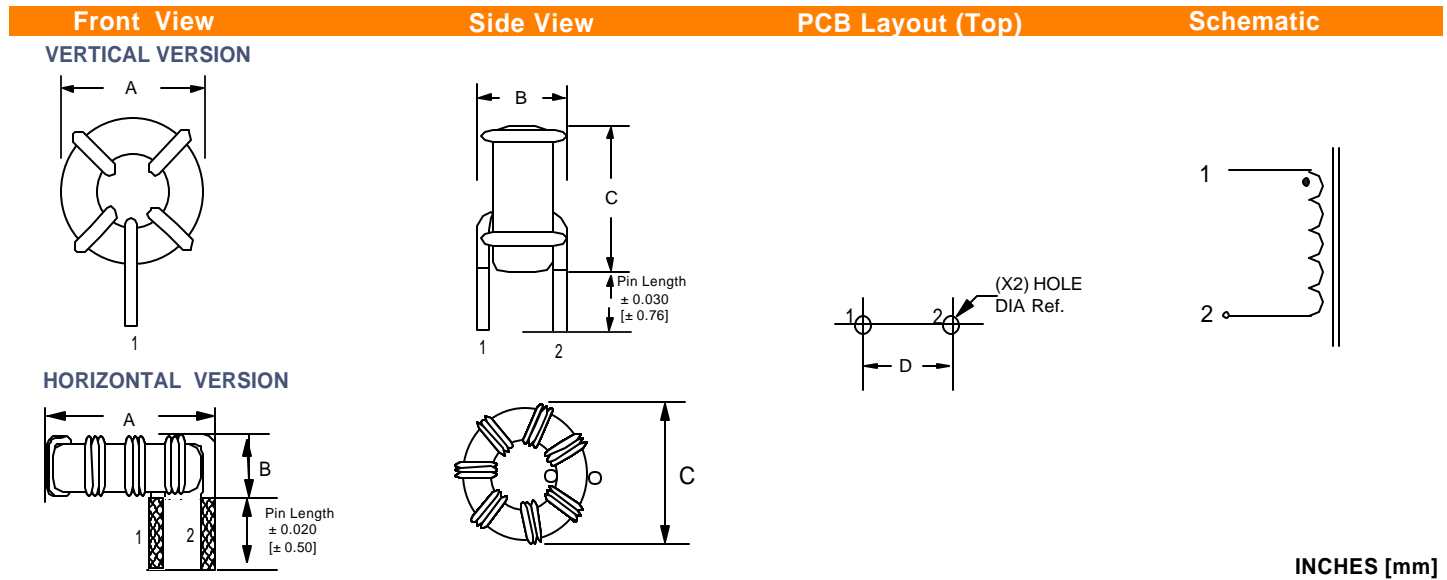
(TTID1805 Series)



MAX. DIM :
L = 22.90 mm
W= 8.64 mm
H = 21.60 mm

- For use in high frequency DC/DC converters.
- Low radiation.
- Low core loss
- Current handling up to 17 Amps.
- Energy storage of 188 μ J.

MECHANICAL SPECIFICATIONS



ELECTRICAL SPECIFICATIONS

VERTICAL VERSION

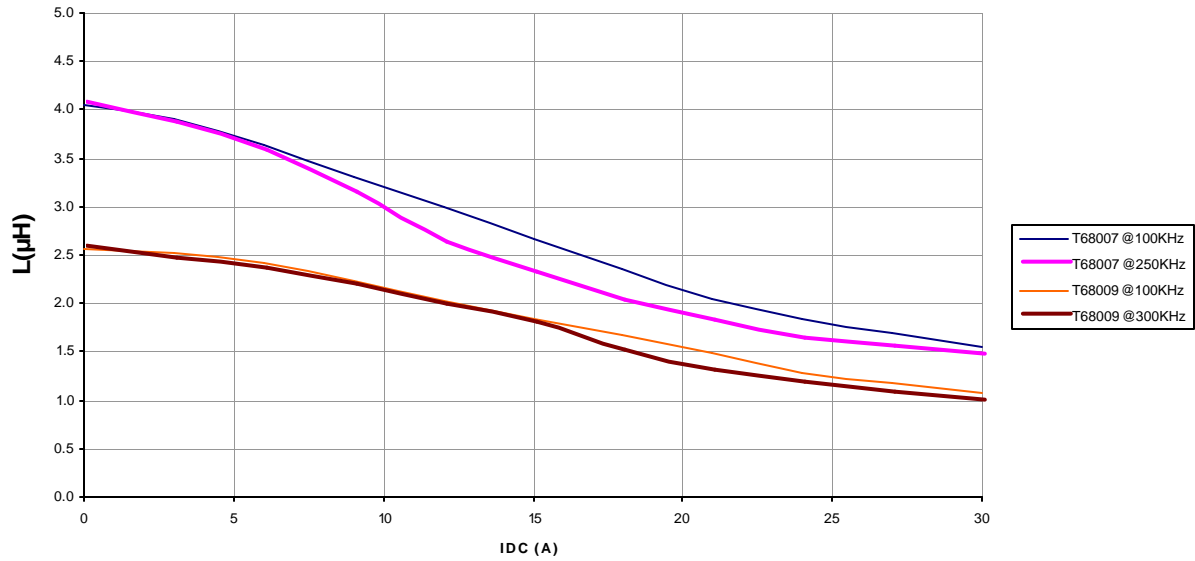
FALCO PART NUMBER	OCL(μ H) ¹	TOL	DCR (W max)	I rating ² (Amp)	A max. in / mm	B max. in / mm	C max. in / mm	D Ref. in / mm	Pin Length in/mm	Hole Dia. in / mm
T68007	*4.00	$\pm 17\%$	0.0058	12.00	0.823 / 20.90	0.323 / 8.20	0.766 / 19.45	0.290 / 7.36	0.250 / 6.35	0.069 / 1.75

HORIZONTAL VERSION

FALCO 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
T68009	2.56	$\pm 17\%$	0.0030	17.00	0.900 / 22.90	0.340 / 8.64	0.850 / 21.60	0.360 / 9.19	0.150 / 3.81	0.075 / 1.90

1. Inductance tested at 300 KHz 0.25 V, *250 KHz 0.25 V.
 2. Temperature rise is 40°C Typ.
 3. Operating Temp. range -40° to +105°C.

INDUCTANCE VS. CURRENT



TYPICAL TEMPERATURE RISE vs. CURRENT

