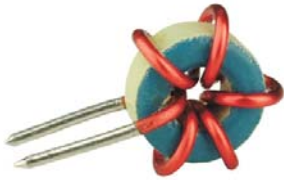


Power Inductors Shielded - THT Toroidal 10 mm

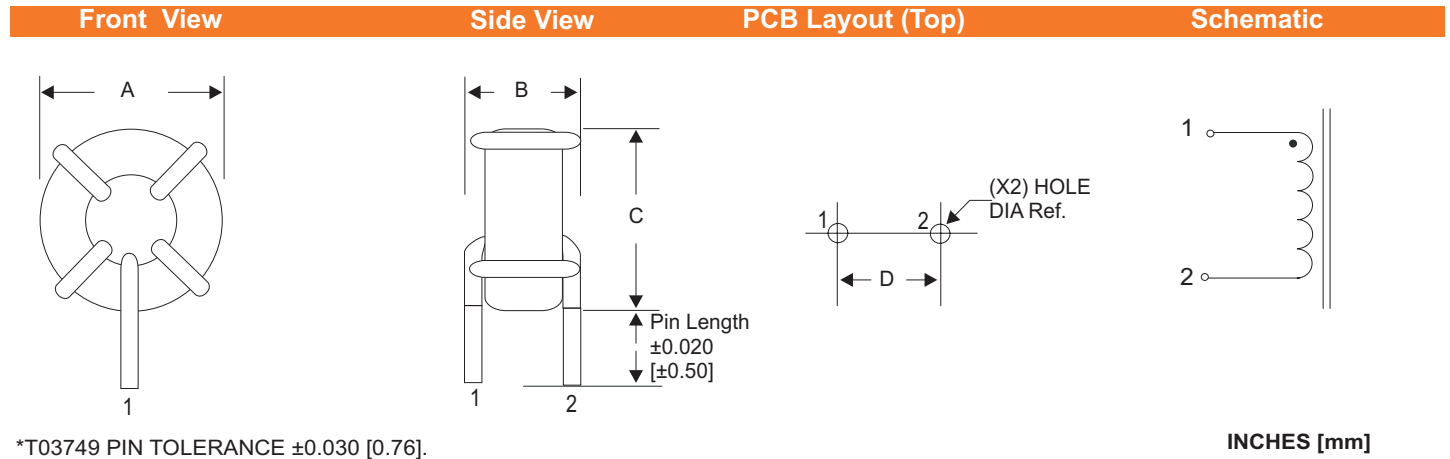
POWER INDUCTORS (TTID1003 Series)



MAX. DIM :
L = 15.00 mm
W = 8.00 mm
H = 15.00 mm

- For use in high frequency DC/DC converters.
- Low radiation.
- Low core loss
- Current handling up to 11.0 Amps.
- Energy storage of 77 μ J.

MECHANICAL SPECIFICATIONS



ELECTRICAL SPECIFICATIONS

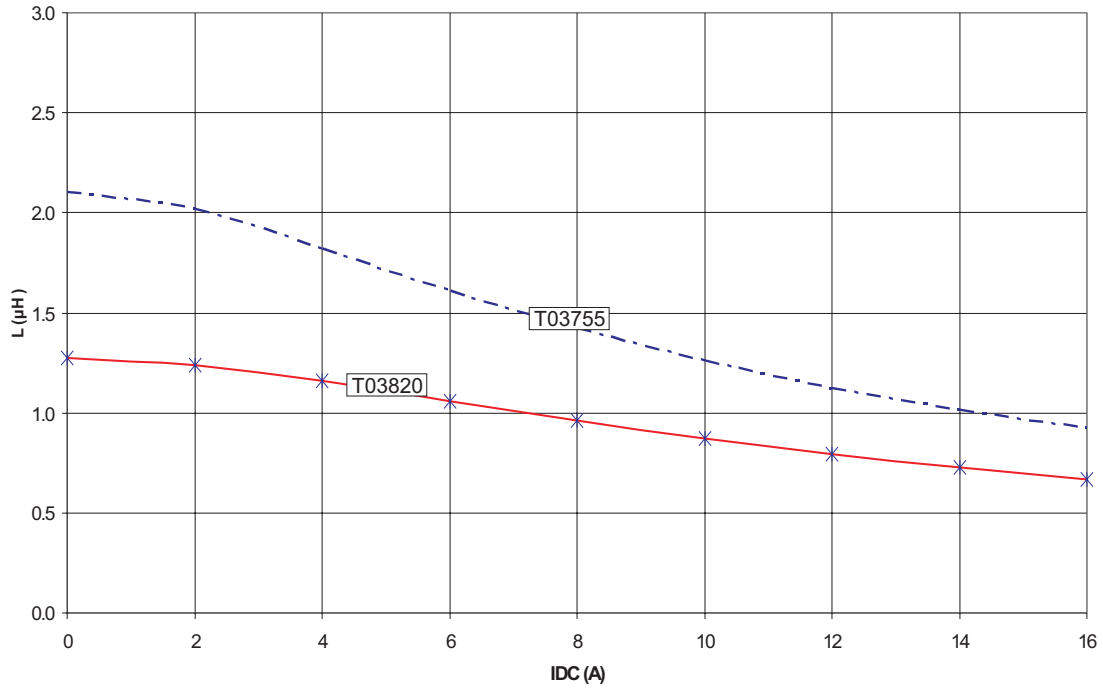
RoHS PART NUMBER	OCL(μ H) ¹	TOL	FREQ. (KHz)	DCR (Ω ma \pm Ω)	I rating ² (Amp)	A max. in / mm	B max. in / mm	C max. in / mm	D Ref. in / mm	Pin Length in / mm	Hole Dia. in / mm
T03820	1.27	$\pm 20\%$	1	0.0025	11.00	0.591 / 15.00	0.315 / 8.00	0.591 / 15.00	0.217 / 5.51	0.157 / 4.00	0.055 / 1.40
T03755	2.00	$\pm 20\%$	100	0.0060	5.00	0.512 / 13.00	0.256 / 6.50	0.472 / 12.00	0.177 / 4.50	0.138 / 3.50	0.051 / 1.30
T03749*	21.90	$\pm 15\%$	100	0.0525	2.40	0.450 / 11.43	0.210 / 5.33	0.435 / 11.05	0.157 / 4.00	0.250 / 6.35	0.026 / 0.66

1. Inductance tested at 1.0V (* Tested at 0.25 V)
 2. Temperature rise is 40°C Typ.
 3. Operating Temp. range -40° to +105°C.



RoHS COMPLIANT PRODUCT

INDUCTANCE vs CURRENT



INDUCTANCE vs CURRENT

