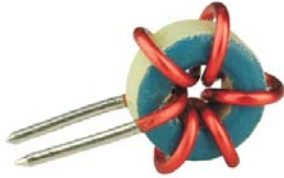


Power Inductors Shielded - THT Toroidal 8 mm

POWER INDUCTORS

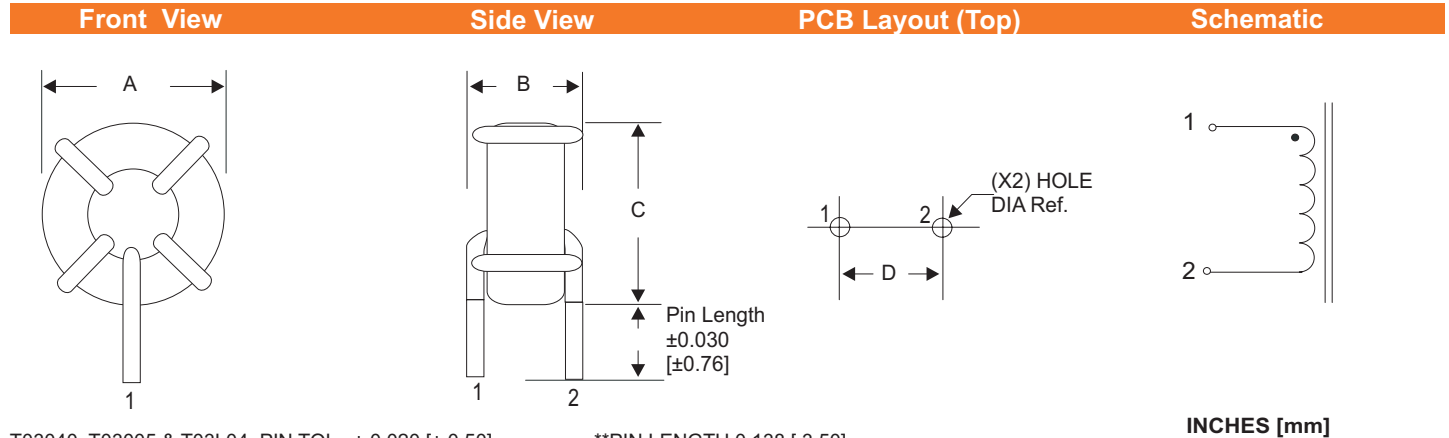
(TTID0803 Series)



MAX. DIM :
L = 12.00 mm
W = 8.89 mm
H = 11.00 mm

- For use in high frequency DC/DC converters.
- Low radiation.
- Low core loss
- Current handling up to 10 Amps.
- Energy storage of 90 μ J.

MECHANICAL SPECIFICATIONS



ELECTRICAL SPECIFICATIONS

FALCO PART NUMBER	RoHS PART NUMBER	OCL(μ H) ¹	TOL	Freq. (KHz)	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
	*T03040	0.50 $\pm 25\%$		500	0.0014	10.00	0.472 / 12.00	0.350 / 8.89	0.413 / 10.50	0.236 / 5.99	0.157 / 4.00	0.048 / 1.21
T03004	**T03L04	1.10 $\pm 12\%$		10	0.0035	4.00	0.460 / 11.68	0.280 / 7.11	0.410 / 10.41	0.210 / 5.33	0.250 / 6.35	0.042 / 1.07
	*T03005	1.50 $\pm 20\%$		100	0.0090	5.80	0.433 / 11.00	0.236 / 6.00	0.433 / 11.00	0.157 / 4.00	0.138 / 3.50	0.035 / 0.90
T03009		3.05 $\pm 15\%$		10	0.0128	9.00	0.410 / 10.41	0.230 / 5.84	0.390 / 9.91	0.165 / 4.19	0.250 / 6.35	0.032 / 0.81
	T03011	4.39 $\pm 15\%$		10	0.0234	6.40	0.400 / 10.16	0.220 / 5.59	0.380 / 9.65	0.155 / 3.94	0.250 / 6.35	0.027 / 0.69

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



RoHS COMPLIANT PRODUCT

Power Inductors Shielded - THT Toroidal 8 mm (TTID0803 Series)

Inductance vs Current

