

Power Inductors Shielded - THT Toroidal 7 mm

POWER INDUCTORS

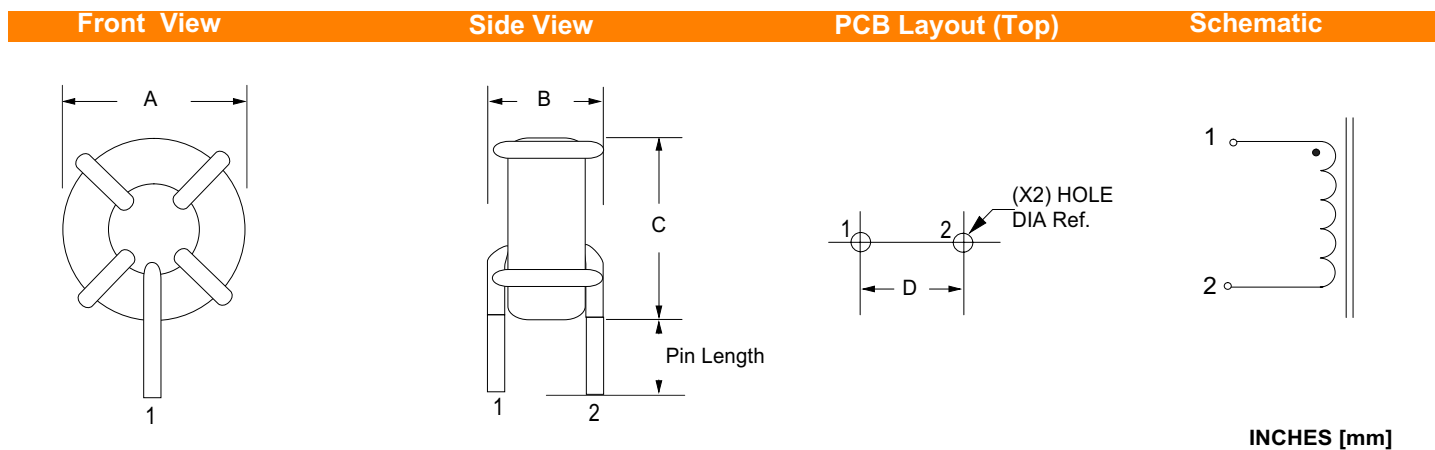
(TTIC0704 Series)



MAX. DIM :
L = 9.65 mm
W= 8.00 mm
H = 9.65 mm

- For use in high frequency DC/DC converters.
- Low radiation.
- Low core loss
- Current handling up to 23 Amps.
- Energy storage of 40 μ J.

MECHANICAL SPECIFICATIONS



ELECTRICAL SPECIFICATIONS

FALCO PART NUMBER	RoHS PART NUMBER	OCL(μ H) ¹	TOL	DCR (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	Pin TOL. in / mm	Hole Dia. in / mm
T02521		0.130	$\pm 20\%$	0.0010	23.00	0.280 / 7.11	0.315 / 8.00	0.365 / 9.27	0.240 / 6.10	0.250 / 6.35	± 0.03 [0.76]	0.047 / 1.19
T02507	*T02511	0.324	$\pm 15\%$	0.0026	13.00	0.380 / 9.65	0.280 / 7.11	0.300 / 7.62	0.185 / 4.70	0.134 / 3.40	± 0.02 [0.50]	0.038 / 0.97
T02508		0.540	$\pm 15\%$	0.0030	12.00	0.380 / 9.65	0.280 / 7.11	0.380 / 9.65	0.185 / 4.70	0.250 / 6.35	± 0.02 [0.50]	0.038 / 0.97
T02509	*T02512	0.870	$\pm 15\%$	0.0042	12.00	0.380 / 9.65	0.280 / 7.11	0.380 / 9.65	0.185 / 4.70	0.250 / 6.35	± 0.05 [1.27]	0.038 / 0.97
T02503	T02513	1.210	$\pm 15\%$	0.0080	5.60	0.380 / 9.65	0.280 / 7.11	0.380 / 9.65	0.185 / 4.70	0.150 / 3.81	± 0.02 [0.50]	0.031 / 0.79
T02604	T026L4	1.650	$\pm 15\%$	0.0106	9.00	0.370 / 9.40	0.250 / 6.35	0.330 / 8.38	0.185 / 4.70	0.250 / 6.35	± 0.03 [0.76]	0.031 / 0.79
T02504	T025L4	4.850	$\pm 15\%$	0.0330	3.00	0.370 / 9.40	0.250 / 6.35	0.330 / 8.38	0.180 / 4.57	0.250 / 6.35	± 0.03 [0.76]	0.026 / 0.66

*PIN LENGTH 3.5mm ± 0.5



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.

