

Power Inductors Shielded - THT Toroidal 15 mm

POWER INDUCTORS

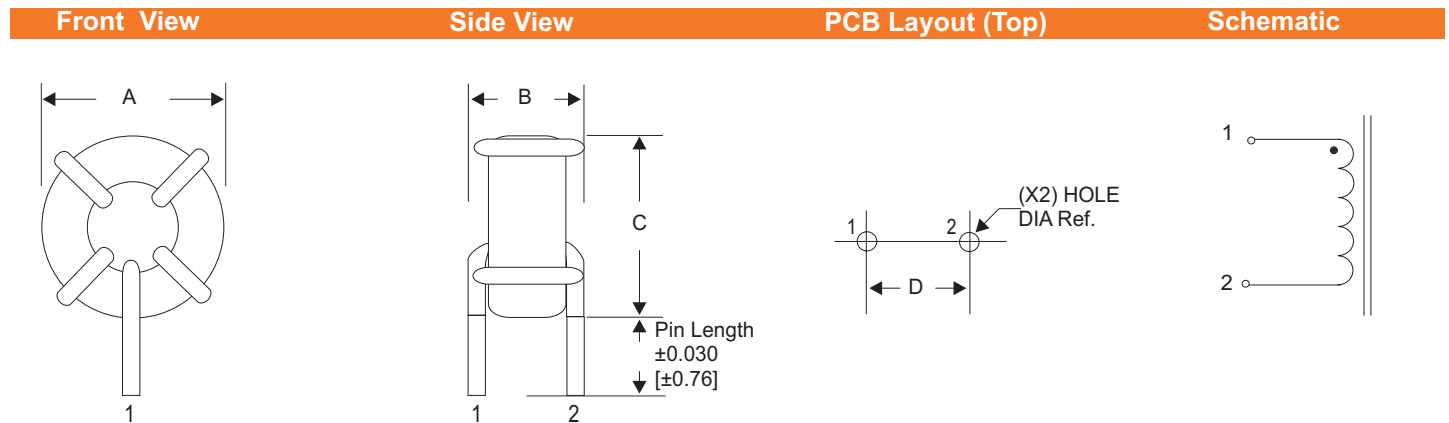
(TTIC1506 Series)



MAX. DIM :
L = 21.08 mm
W= 13.21 mm
H = 21.00 mm

- For use in high frequency DC/DC converters.
- Low radiation.
- Low core loss
- Current handling up to 31 Amps.
- Energy storage of 740 μ J.

MECHANICAL SPECIFICATIONS



T60004 & T60032 PIN TOLERANCE ± 0.020 [0.50] *T60L18 HOLE DIA. 0.100 [2.54]

INCHES [mm]

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
T60020		0.860 $\pm 20\%$		100	0.00110	31.00	0.800 / 20.32	0.520 / 13.21	0.750 / 19.05	0.380 / 9.65	0.250 / 6.35	0.085 / 2.16
T60017		1.240 $\pm 15\%$		100	0.00120	30.00	0.800 / 20.32	0.500 / 12.70	0.730 / 18.54	0.400 / 10.16	0.250 / 6.35	0.100 / 2.54
	**T60004	1.242 $\pm 20\%$		100	0.00165	25.00	0.807 / 20.50	0.374 / 9.50	0.728 / 18.50	0.295 / 7.50	0.134 / 3.40	0.094 / 2.40
T60018	*T60L18	2.200 $\pm 15\%$		100	0.00204	26.00	0.830 / 21.08	0.490 / 12.45	0.800 / 20.32	0.330 / 8.38	0.250 / 6.35	0.085 / 2.16
	T60032	2.300 $\pm 20\%$		1	0.00200	26.00	0.827 / 21.00	0.433 / 11.00	0.827 / 21.00	0.354 / 9.00	0.197 / 5.00	0.089 / 2.26

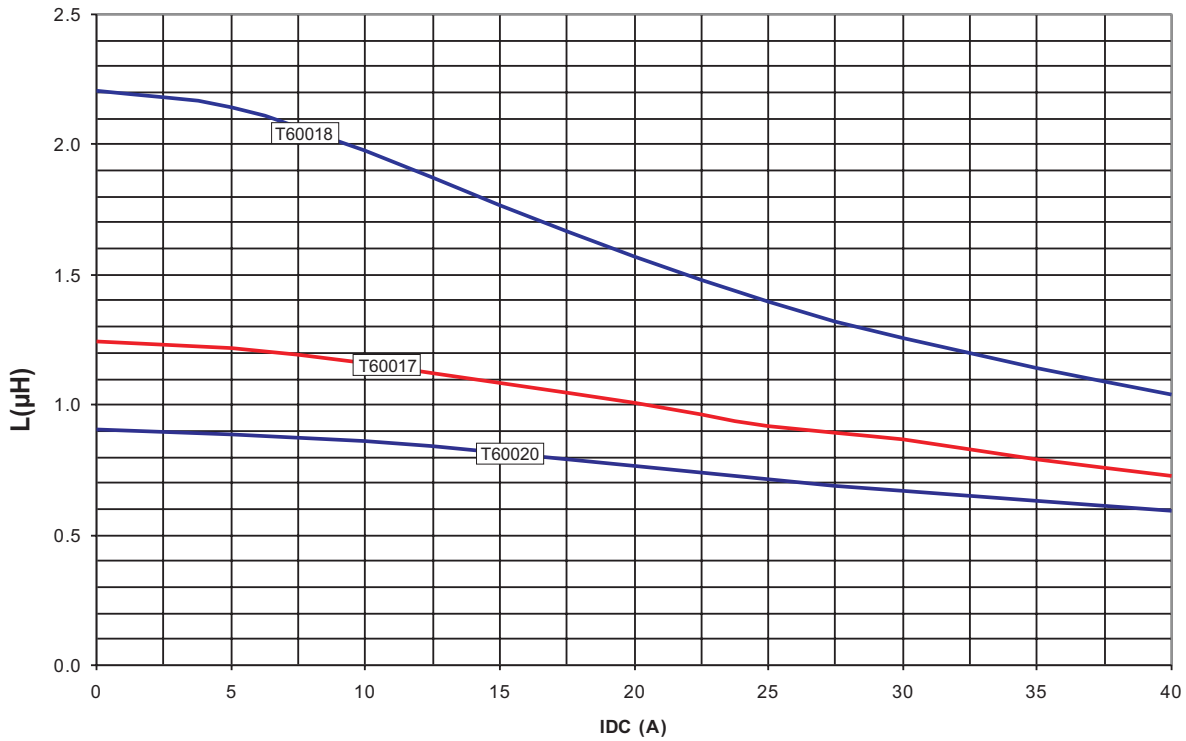
T60017, T60004 & T60032 are trifilar wound.
 T60018 & T60L18 are quadrifilar wound.

1. Inductance tested at 0.25 V. (**Tested at 0.02V).
2. Temperature rise is 40°C Typ.
3. Operating Temp. range -40° to +105°C.



RoHS COMPLIANT PRODUCT

INDUCTANCE vs CURRENT



TEMPERATURE RISE vs CURRENT

