

# Power Inductors Shielded - THT Toroidal 15 mm

POWER INDUCTORS

(TTIB1506 Series)



**MAX. DIM :**  
**L = 22.86 mm**  
**W = 12.70 mm**  
**H = 20.32 mm**

- For use in high frequency DC/DC converters.
- Low radiation.
- Low core loss
- Current handling up to 30 Amps.
- Energy storage of 370  $\mu$ J.

## MECHANICAL SPECIFICATIONS

Front View	Side View	PCB Layout (Top)	Schematic
T60015, T60L15 PIN LENGTH TOL. $\pm 0.050$ [ $\pm 1.27$ ]			<b>INCHES [mm]</b>

## ELECTRICAL SPECIFICATIONS

FALCO PART NUMBER	RoHS PART NUMBER	OCL( $\mu$ H) <sup>1</sup>	TOL	DCR (W max)	I rating <sup>2</sup> (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
T60015	T60L15	0.475	$\pm 10\%$	0.0013	30.00	0.900 / 22.86	0.500 / 12.70	0.800 / 20.32	0.370 / 9.40	0.250 / 6.35	0.074 / 1.88
	*T60031	1.50	$\pm 20\%$	0.0050	26.00	0.728 / 18.50	0.355 / 9.00	0.690 / 17.50	0.315 / 8.00	0.134 / 3.40	0.079 / 2.00



RoHS COMPLIANT PRODUCT

1. Inductance tested at 10 KHz 0.25 V. \* 1.0 KHz
2. Temperature rise is 40°C Typ.
3. Operating Temp. range -40° to +105°C.

Inductance vs Current

