

# Power Inductors Shielded-SMT Toroidal 7 mm

## (T025 Series)



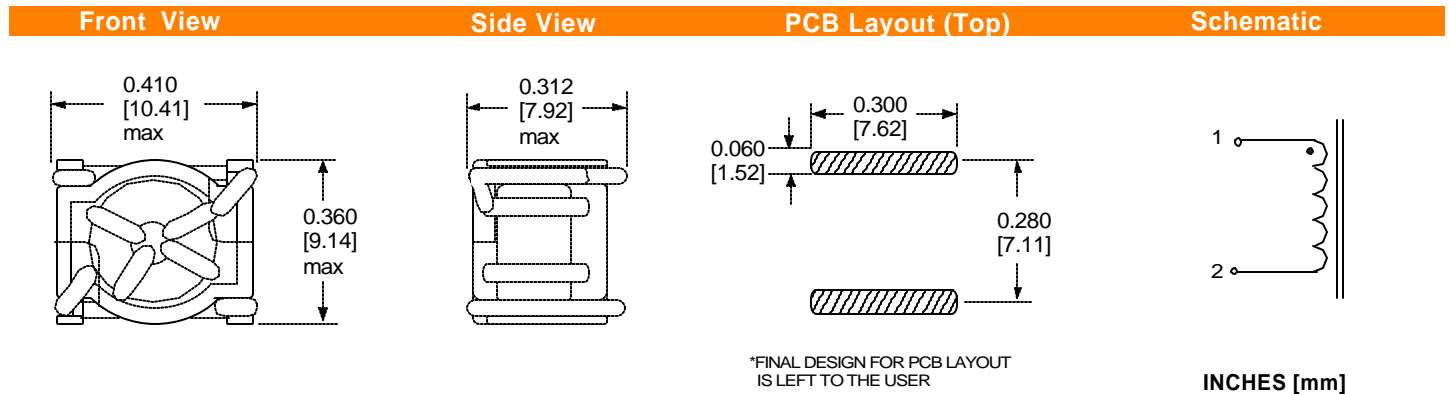
POWER INDUCTORS



**MAX. DIM :**  
**L = 10.41 mm**  
**W = 9.14 mm**  
**H = 7.92 mm**

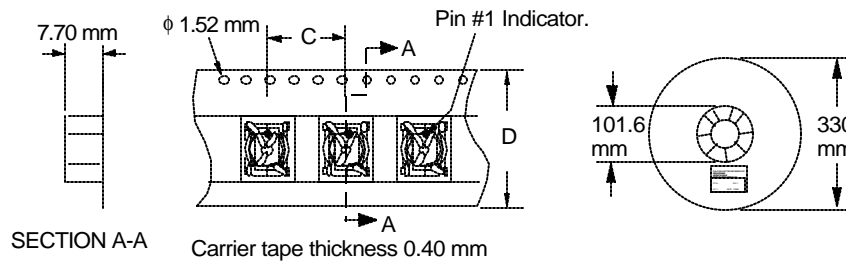
- Used in high frequency DC/DC converters in step-up or step-down.
- Magnetically shielded for low EMI radiation.
- Low core loss.
- Current handling up to 12 Amps.
- Energy storage limit of 25  $\mu$ J.
- Tape & Reel : 800 pcs/Reel, 5 Reels/Box.

### MECHANICAL SPECIFICATIONS



### Packaging Information

### Tape & Reel



ITEM	DESCRIPTION	QTY.
A	QTY. PER REEL	800
B	QTY. PER BOX	4000
C	PITCH	12 mm
D	TAPE WIDTH	24 mm

See tape and reel information 83-001

### ELECTRICAL SPECIFICATIONS

FALCO PART NUMBER	RoHS PART NUMBER	OCL( $\mu$ H) <sup>1</sup>	TOL	FREQ. (KHz)	DCR (W max)	I rating <sup>2</sup> (Amp)
T025A2	T025L2	0.31	$\pm 15\%$	1.00	0.0030	12
T025M2		0.45	+20% / -12%	10.00	0.0023	6



RoHS COMPLIANT PRODUCT

1. Inductance tested at 0.25 V.  
 2. Temperature rise is 40°C Typ.  
 3. Operating Temp. range -40° to +85°C.

# Power Inductors Shielded-SMT Toroidal 7 mm Inductance vs Current (T025 Series)

