

Power Inductors Shielded - THT Toroidal 13 mm

POWER INDUCTORS

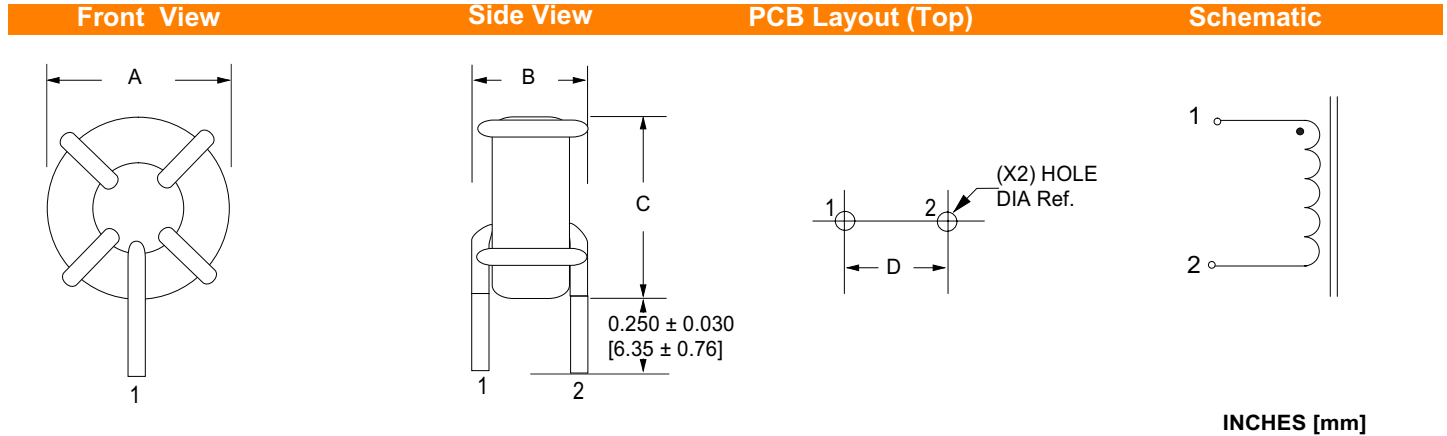
(TTIF1305 Series)



MAX. DIM :
L = 18.80 mm
W = 11.68 mm
H = 16.51 mm

- For use in high frequency DC/DC converters.
- Low radiation.
- Low core loss.
- Current handling up to 25 Amps.
- Energy storage limit of 285 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 | Hole Dia. in / mm |
|-------------------|------------------|----------------------------|------------|-----------|-----------------------------|----------------|----------------|----------------|----------------|-------------------|
| T50138 | T5L138 | 0.896 | $\pm 10\%$ | 0.0009 | 25.00 | 0.740 / 18.80 | 0.460 / 11.68 | 0.650 / 16.51 | 0.340 / 8.63 | 0.077 / 1.96 |



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.

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Inductance vs Current

