

Excellent Integrated System Limited

Stocking Distributor

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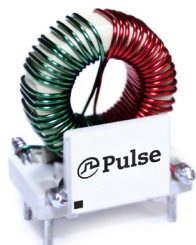
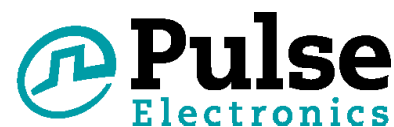
[Pulse Electronics Corporation](#)
[PA3747.105NL](#)





For any questions, you can email us directly:

sales@integrated-circuit.com

THT Common Mode Chokes

PA3747.XXXNL



-  Dielectric Strength: 1500Vrms
-  Inductance Range: 0.67mH (at 5A) to 19.5mH (at 0.75A)
-  Height: 22.9mm Max
-  Footprint: 19.3mm x 18.2mm

Electrical Specifications @ 25°C - Operating Temperature -40°C to +125°C

| Part Number | Inductance (1-2)=(3-4) (mH Min) | Current Rating ¹ (1-2)=(3-4) (A) | DCR (1-2)=(3-4) (mΩ Max) | Self Resonant Frequency (1-2)=(3-4) (MHz Min) | Impedance (kOhms Min at SRF) |
|--------------|---------------------------------------|---|--------------------------------|--|---------------------------------|
| PA3747.105NL | 0.67 | 5.00 | 16 | 1.18 | 2.2 |
| PA3747.205NL | 1.28 | 4.00 | 25.5 | 1.10 | 3.9 |
| PA3747.305NL | 1.92 | 2.75 | 49.5 | 1.00 | 5.0 |
| PA3747.405NL | 2.68 | 2.25 | 71.5 | 0.94 | 8.2 |
| PA3747.505NL | 3.33 | 1.85 | 103.5 | 0.88 | 10.0 |
| PA3747.605NL | 4.06 | 1.55 | 132 | 0.78 | 11.5 |
| PA3747.705NL | 4.58 | 1.50 | 134 | 0.80 | 16.0 |
| PA3747.905NL | 6.03 | 1.45 | 154 | 0.30 | 14.0 |
| PA3747.106NL | 6.67 | 1.40 | 169 | 0.29 | 17.0 |
| PA3747.146NL | 9.10 | 1.00 | 207 | 0.21 | 21.0 |
| PA3747.206NL | 13.00 | 1.00 | 295 | 0.20 | 31.0 |
| PA3747.306NL | 19.50 | 0.75 | 572 | 0.12 | 35.0 |

Notes:

1. The current rating (Irated) is based upon the temperature rise of the component and represents the rms current which will cause a typical temperature rise of 40°C.
2. The temperature of the component (ambient plus temperature rise) must be within the stated operating temperature range.

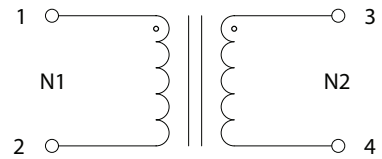
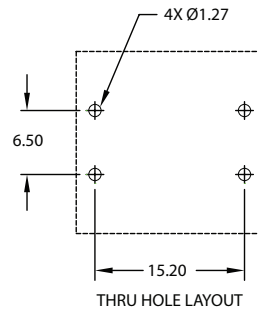
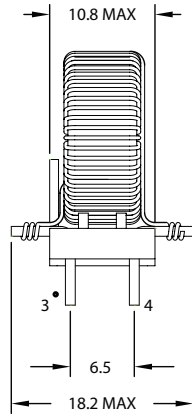
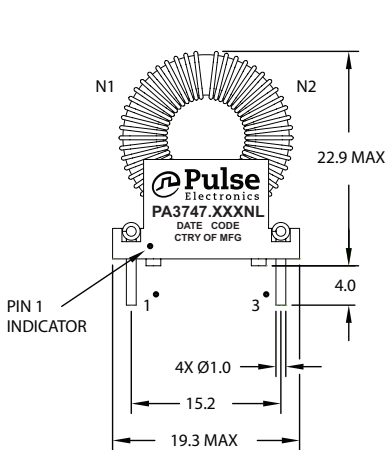
THT Common Mode Chokes

PA3747.XXXNL

Mechanical

Schematic

PA3747.XXXNL



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