

Features

- Low cost, high quality
- Excellent temperature stability
- High currents
- Inductance: 8.2 mH
- Open construction
- RoHS compliant*

PT121 Series - Radial High Q Inductors

Electrical Specifications (@ 25 °C)

| Part Number | Inductance(1) mH ±10 % | Q (ref.) | Measure frequency Q and Inductance kHz | Self Resonant frequency MHz min. (2) | DCR Ω (max.) | Rated I DC mA (max.) |
|-------------|---------------------------|-------------|--|---|--------------------|----------------------------|
| PT12133SL | 8.2 | 90 | 252.0 | 0.50 | 26.0 | 50 |

NOTES:

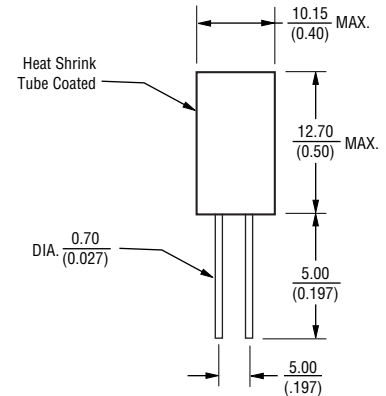
- (1) Version J: Inductance Value ±5 % is also available. Please insert 'J' after 'S' in part number if Inductance Value ±5 % is required (i.e. PT12133SJL).
- (2) Measurements are made at 25 °C using HP4277A LCZ Meter Self Resonant Frequency is for reference only.

Full encapsulated units with Epoxy Resin are also available. Please consult factory for details.

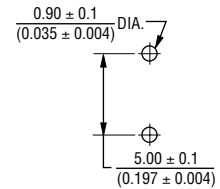
General Specifications

Terminal.....Cu/Sn
 Operating Temperature Range
-20 °C to +80 °C
 Storage Temperature Range
-25 °C to +85 °C

Product Dimensions



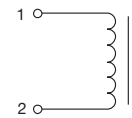
Recommended PCB Layout



RECOMMENDED
PCB LAYOUT

DIMENSIONS: $\frac{\text{MM}}{\text{(INCHES)}}$ TOLERANCE: $\pm \frac{0.25}{(0.010)}$

Electrical Schematic



Schematic