



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 $\pm 10\%$	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:

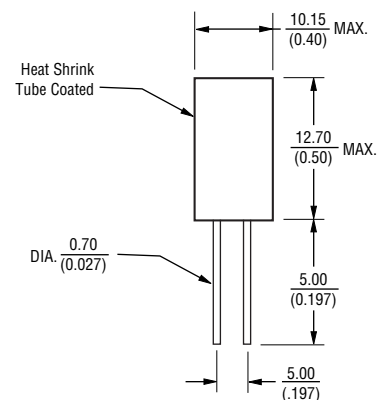
- (1) Version J: Inductance Value $\pm 5\%$ is also available. Please insert 'J' after 'S' in part number if Inductance Value $\pm 5\%$ is required (i.e. PT12133SJL).
- (2) Measurements are made at 25 °C using HP4277A LCZ Meter Self Resonant Frequency is for reference only.

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

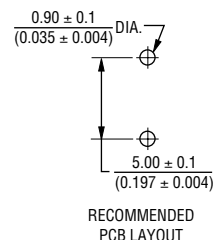
General Specifications

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

Product Dimensions

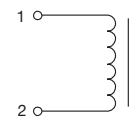


Recommended PCB Layout



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

Electrical Schematic



Schematic