

## Features

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



This model is currently available but not recommended for new designs.

## PT121 Series - Radial High Q Inductors

### Electrical Specifications (@ 25 °C)

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

#### NOTES:

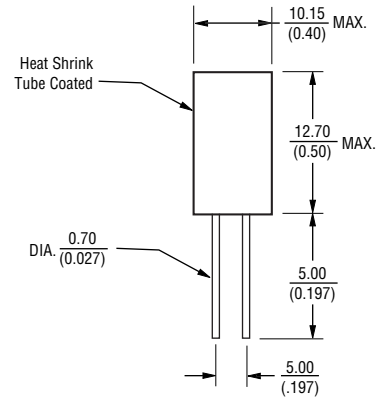
- (1) Version J: Inductance Value ±5 % is also available. Please insert 'J' after 'S' in part number if Inductance Value ±5 % is required (i.e. PT12133SJL).
- (2) Measurements are made at 25 °C using HP4277A LCZ Meter Self Resonant Frequency is for reference only.

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

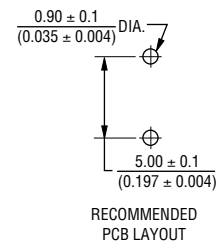
### General Specifications

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

### Product Dimensions

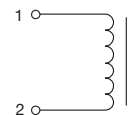


### Recommended PCB Layout



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

### Electrical Schematic



Schematic



**WARNING Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)**

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