

## Features

- Low cost, high quality
- Excellent temperature stability
- High currents
- E12 series 100  $\mu$ H to 33mH
- Open construction
- RoHS compliant\*

## PT121 Series - Radial High Q Inductors

### Electrical Specifications (@ 25 °C)

Part Number	Inductance <sup>(1)</sup> mH $\pm 10$ %	Q (ref.)	Measure frequency Q and Inductance kHz	Self Resonant frequency MHz min. <sup>(2)</sup>	DCR $\Omega$ (max.)	Rated I DC mA (max.)
PT12110SL	0.10	80	796.0	5.30	2.0	200
PT12111SL	0.12	80	796.0	4.50	2.0	200
PT12112SL	0.15	80	796.0	3.80	2.0	200
PT12113SL	0.18	80	796.0	3.30	3.0	200
PT12114SL	0.22	80	796.0	2.90	3.0	200
PT12115SL	0.27	80	796.0	2.60	3.0	200
PT12116SL	0.33	80	796.0	2.30	4.0	200
PT12117SL	0.39	80	796.0	2.10	4.0	200
PT12118SL	0.47	80	796.0	1.90	4.0	200
PT12119SL	0.56	80	796.0	1.70	4.0	200
PT12120SL	0.60	80	796.0	1.60	4.0	200
PT12121SL	1.00	90	252.0	1.30	6.0	150
PT12123SL	1.20	90	252.0	1.20	9.0	150
PT12124SL	1.50	90	252.0	1.10	9.0	150
PT12125SL	1.80	90	252.0	1.00	9.0	100
PT12126SL	2.20	90	252.0	0.90	13.0	100
PT12127SL	2.70	90	252.0	0.80	13.0	100
PT12128SL	3.30	90	252.0	0.70	13.0	100
PT12129SL	3.90	90	252.0	0.70	13.0	50
PT12130SL	4.70	90	252.0	0.60	18.0	50
PT12131SL	5.60	90	252.0	0.60	18.0	50
PT12132SL	6.80	90	252.0	0.50	26.0	50
PT12133SL	8.20	90	252.0	0.50	26.0	50
PT12134SL	10.00	100	79.6	0.40	40.0	40
PT12135SL	12.00	100	79.6	0.40	40.0	40
PT12136SL	15.00	100	79.6	0.40	60.0	40
PT12137SL	18.00	100	79.6	0.30	60.0	30
PT12138SL	22.00	100	79.6	0.30	80.0	30
PT12139SL	27.00	100	79.6	0.30	80.0	30
PT12140SL	33.00	100	79.6	0.30	80.0	30

#### NOTES:

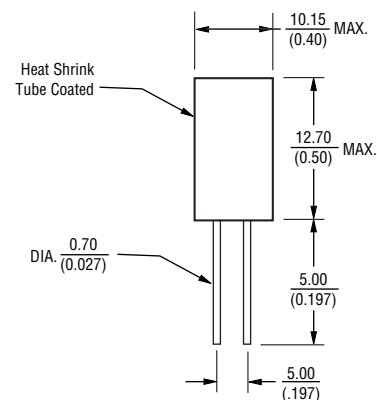
- (1) Version J: Inductance Value  $\pm 5$  % is also available. Please insert 'J' after 'S' in part number if Inductance Value  $\pm 5$  % is required (i.e. PT12110SJL).
- (2) Measurements are made at 25 °C using HP4277A LCZ Meter Self Resonant Frequency is for reference only.

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

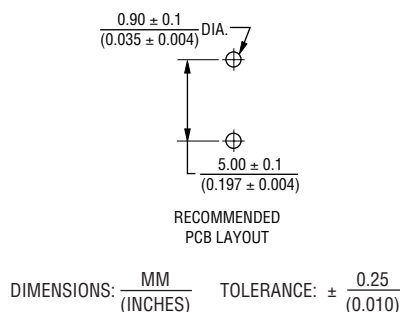
### General Specifications

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

### Product Dimensions



### Recommended PCB Layout



### Electrical Schematic

