

## 121 Series Bobbin Type Fixed Inductors

### Features

- Excellent Temperature Stability
- High Inductance and High Currents
- Tinned Leads with Leaded Solder is Available (note 4)

### ELECTRICAL SPECIFICATIONS AT 25°C

Part Number	Inductance mH±10% Typ (1)	Q Min	Test Frequency (KHz)	SRF Typ (MHz) Min (2)	DCR Ohms (Max)	Rated DC Current mA (max)
PT12110	0.10	80	796.0	5.30	2.0	200
PT12111	0.12	80	796.0	4.50	2.0	200
PT12112	0.15	80	796.0	3.80	2.0	200
PT12113	0.18	80	796.0	3.30	3.0	200
PT12114	0.22	80	796.0	2.90	3.0	200
PT12115	0.27	80	796.0	2.60	3.0	200
PT12116	0.33	80	796.0	2.30	4.0	200
PT12117	0.39	80	796.0	2.10	4.0	200
PT12118	0.47	80	796.0	1.90	4.0	200
PT12119	0.56	80	796.0	1.70	4.0	200
PT12120	0.60	80	796.0	1.60	4.0	200
PT12121	0.82	80	796.0	1.40	6.0	200
PT12122	1.00	90	252.0	1.30	6.0	150
PT12123	1.20	90	252.0	1.20	9.0	150
PT12124	1.50	90	252.0	1.10	9.0	150
PT12125	1.80	90	252.0	1.00	9.0	100
PT12126	2.20	90	252.0	0.90	13.0	100
PT12127	2.70	90	252.0	0.80	13.0	100
PT12128	3.30	90	252.0	0.70	13.0	100
PT12129	3.90	90	252.0	0.70	13.0	50
PT12130	4.70	90	252.0	0.60	18.0	50
PT12131	5.60	90	252.0	0.60	18.0	50
PT12132	6.80	90	252.0	0.50	26.0	50
PT12133	8.20	90	252.0	0.50	26.0	50
PT12134	10.00	100	79.6	0.40	40.0	40
PT12135	12.00	100	79.6	0.40	40.0	40
PT12136	15.00	100	79.6	0.40	60.0	40
PT12137	18.00	100	79.6	0.30	60.0	30
PT12138	22.00	100	79.6	0.30	80.0	30
PT12139	27.00	100	79.6	0.30	80.0	30
PT12140	33.00	100	79.6	0.30	80.0	30

- NOTE: 1. Version J: Inductance Value ±5% is also available.  
Please add 'J' to above part number if Inductance Value ±5% is required ( i.e. PT12110J)
2. Measurements are made at 25°C using HP4277A LCZ Meter. Self Resonant Frequency is for reference only.
  3. Full encapsulated units with Epoxy Resin are also available, please enquire for details.
  4. For non-RoHS parts, replace PT prefix with 42- (e.g. PT12110 becomes 42-12110).
  5. Terminal finish is compliant to RoHS requirements

### MECHANICAL OUTLINES

