

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

