Features
- Complies with IEEE 802.3 standard specifications including 350 μH with 8 mA DC bias
- Minimum interwinding breakdown voltage of 1500 Vrms
- RoHS compliant
- Four ports connector with enhanced EMI
- Integrated magnetics design provides higher reliability and conserves board space

Electrical Specifications @ 25 °C

<table>
<thead>
<tr>
<th>Insertion Loss</th>
<th>Return Loss</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-100 MHz .......... -1.0 dB typ.</td>
<td>1-10 MHz .......... -20 dB typ.</td>
</tr>
<tr>
<td>30-60 MHz .......... -12 dB typ.</td>
<td>30-60 MHz .......... -35 dB typ.</td>
</tr>
<tr>
<td>60-100 MHz .......... -30 dB typ.</td>
<td>60-100 MHz .......... -60 dB typ.</td>
</tr>
</tbody>
</table>

Crosstalk
- 1-10 MHz .......... -40 dB typ.
- 30-60 MHz .......... -35 dB typ.
- 60-100 MHz .......... -30 dB typ.

CMRR
- 1-50 MHz .......... -30 dB typ.
- 10-100 MHz .......... -20 dB typ.

Operating Temperature
-0 °C to +70 °C

Storage Temperature
-40 °C to +85 °C

Physical Specifications
- Metal Shielding: Nickel-plated copper alloy
- Contact: Phosphor bronze, 6 u-inch gold-flashed, unless otherwise specified
- Housing: Thermoplastic PBT UL94V0 rated

Packaging Specifications
- 160 pcs./tray

How to Order
Model
PT44216M4

Typical Part Marking
- BOURNS
- PT44216M4
- xxxxHK
- DATE CODE COUNTRY OF ORIGIN

Recommended PCB Layout

Dimensions: INCHES
TOLERANCES: XX (0.63) 0.05 (0.01)
TOLERANCES: XXX (0.006) 0.13 (0.005)

07/06
Specifications are subject to change without notice.
Customers should verify actual device performance in their specific applications.