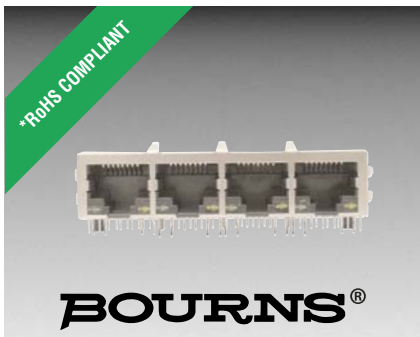




Features

- Complies with IEEE standards and all Ethernet specifications including 350 μ H with 8 mA DC bias
- Minimum interwinding breakdown voltage of 1500 Vrms
- RoHS compliant at 260 °C peak temp.
- Four ports connector with LEDs
- High performance for maximum EMI suppression
- Integrated magnetics design provides higher reliability and conserves board space

PT44216M4D - Quad Port 10/100 Base-Tx

Electrical Specifications @ 25 °C

Insertion Loss	
1-100 MHz	-1.0 dB typ.
Return Loss	
1-10 MHz	-20 dB typ.
30-60 MHz	-16 dB typ.
60-80 MHz	-12 dB typ.
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.
50-130 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

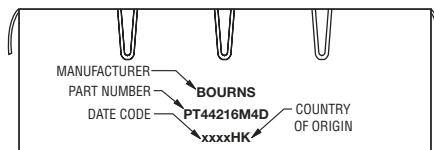
.....160 pcs./tray

How to Order

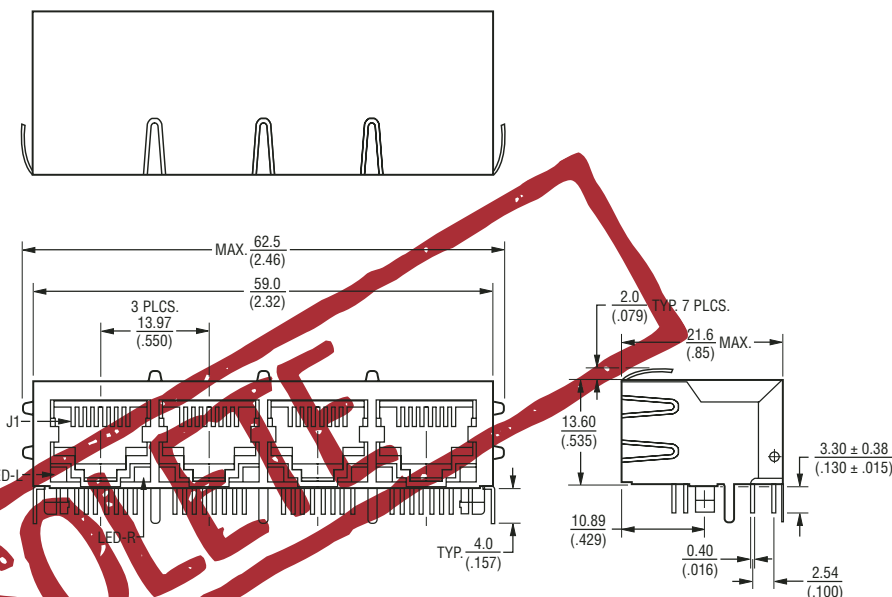
PT44216M4D

Model

Typical Part Marking

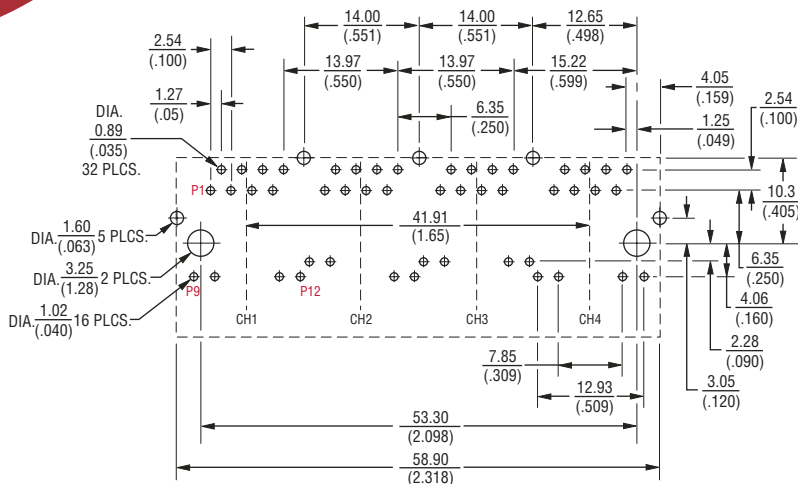


Product Dimensions



Recommended PCB Layout

COMPONENT SIDE VIEW



DIMENSIONS: MM (INCHES)

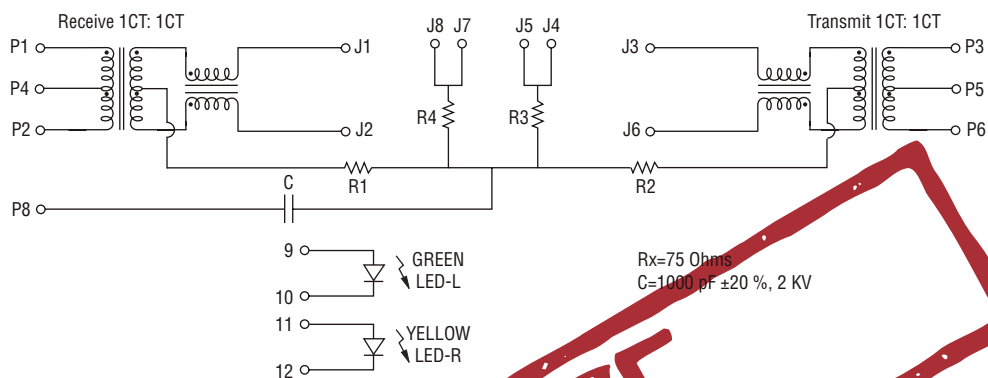
TOLERANCES: .XX 0.25 (.01)

TOLERANCES: .XXX 0.13 (.005)

PT44216M4D - Quad Port 10/100 Base-Tx

BOURNS®

Electrical Schematic



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