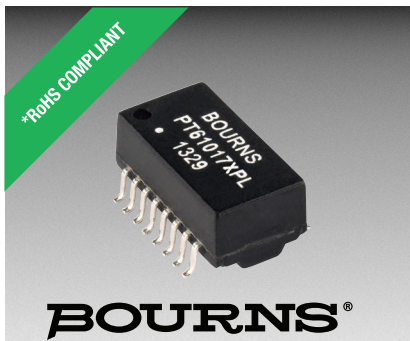




Features

- IEEE 802.3 Ethernet compatible
- Designed for AMD IC manufacturers
- Fully integrated for adapter, hub and motherboard applications
- Extended temperature range:
-40 °C to +85 °C
- RoHS compliant*

Additional Information

Click these links for more information:



PRODUCT



TECHNICAL
LIBRARY



INVENTORY



SAMPLES



CONTACT

PT61017XPL LAN 10/100 Base-Tx

Electrical Specifications @ 25 °C

Turns Ratio $\pm 5\%$1CT*:1CT*
Inductance
Pin 1-3, 6-8 ..350 μ H min. @ 100 KHz,
0.1 Vrms, 8 mA DC Bias
DCR..... 1.4 Ω max.
Insertion Loss
0.3-100 MHz-1.1 dB max.
Return Loss
1-40 MHz
.....-16 dB min.
40-100 MHz
.....-10+20*LOG₁₀(f/80 MHz) dB min.
Common Mode Rejection
30 MHz.....-40 dB Min.
60 MHz.....-35 dB Min.
100 MHz.....-30 dB Min.
Crosstalk
1-60 MHz-45 dB Min.
60-100 MHz-35 dB Min.
Hipot
1 mA, 2 sec.1500 VAC (PRI-SEC)
Operating Temperature
.....-40 °C to +85 °C
Storage Temperature..-40 °C to +125 °C

*CT: Center tap

Material

Termination..... Tin

Packaging Specifications

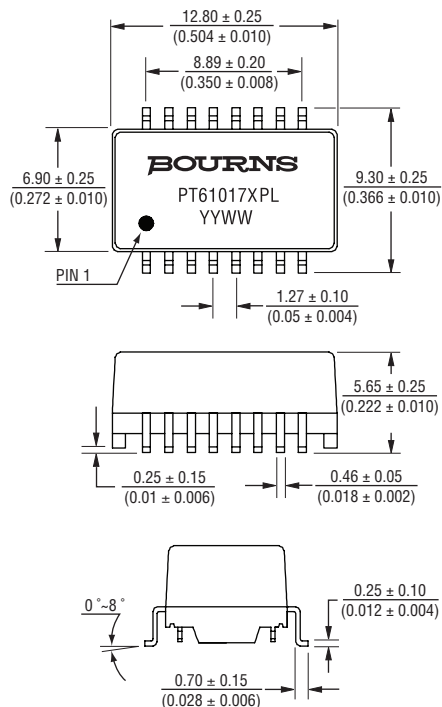
Tape & Reel..... 600 pcs./reel

How To Order

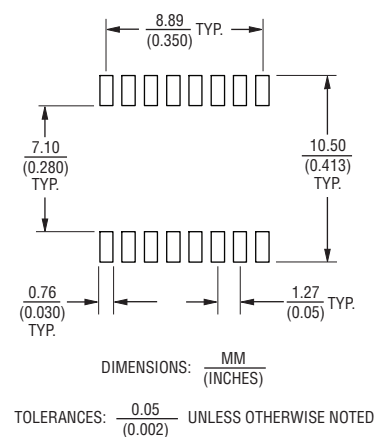
PT61017 X P E L

Model _____
Operating Temperature _____
X = -40 °C to +85 °C
Construction _____
P = Potted
Packaging _____
E = Tape and Reel (600 pcs./reel)
Termination _____
L = Tin only (RoHS Compliant)

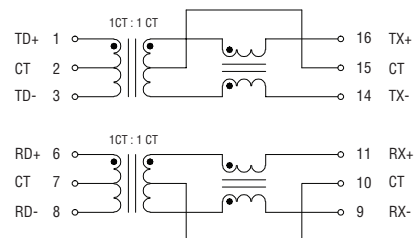
Product Dimensions



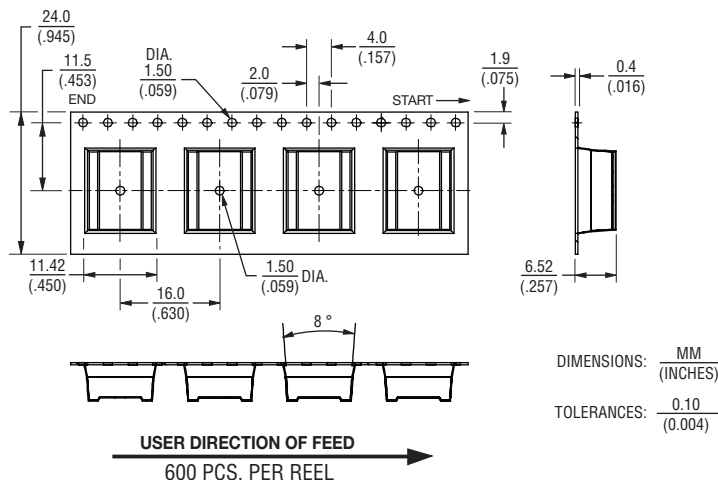
Recommended Layout



Electrical Schematic



Packaging Specifications



CALIFORNIA WARNING: Can expose you to lead, a carcinogen and reproductive toxicant.
See www.P65Warnings.ca.gov

REV. 09/25

*RoHS Directive 2015/863, Mar 31, 2015 and Annex.

Specifications are subject to change without notice.

Users should verify actual device performance in their specific applications.

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