

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:



PT61017XPL LAN 10/100 Base-Tx

Electrical Specifications @ 25 °C

Turns Ratio ± 5%.....1CT*:1CT*	Inductance
Pin 1-3, 6-8 ..350 µH 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*LOG ₁₀ (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	Storage Temperature.. -40 °C to +125 °C

*CT: Center tap

Material

Termination..... Tin

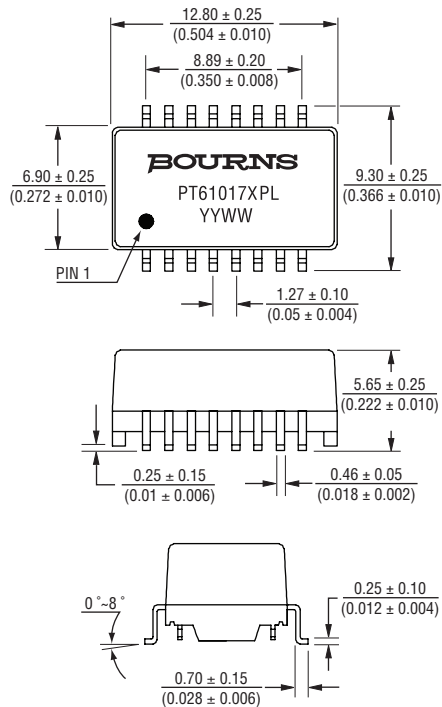
Packaging Specifications

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

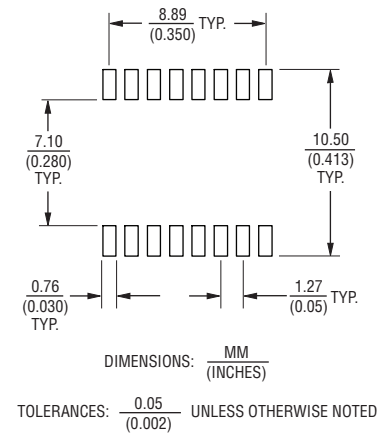
How To Order

	PT61017 X P E L
Model	PT61017
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)

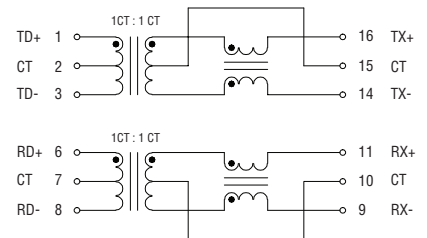
Product Dimensions



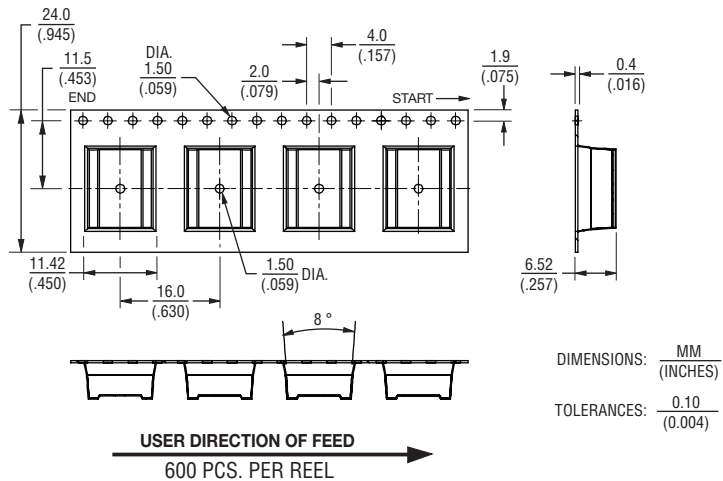
Recommended Layout



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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