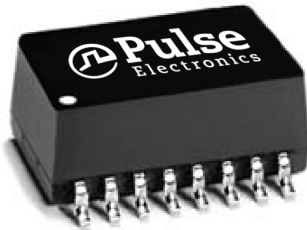


Isolation Transformers For 10Base-T Applications

For Adapter Cards, Hubs, and Motherboards



- Designed to meet or exceed IEEE802.3, 10Base-T specifications
- Peak solder reflow Temperature rating per Table 5-2 defined in IPC/JEDEC J-STD-020C
- Available with Common Mode Choke options for EMI suppression

Electrical Specifications @ 25°C - Operating Temperature 0°C to 70°C

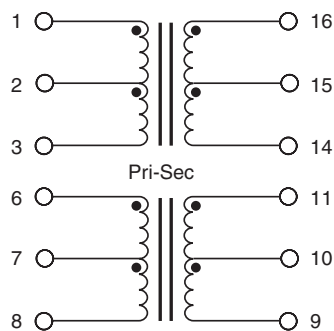
Part Number ^{1,2,3}	Turns Ratio		Primary Pins TX/RX	Common Mode Choke	Inductance Primary (μH)	Interwinding Capacitance (pF MAX)	Leakage Inductance (μH MAX)	Winding Resistance (MAX)	Vrms
	Transmit	Receive							
E2457NL	1CT:1.41CT	1CT:1CT	6-8/1-3	None	140/140	12	0.2	0.3	1500
E2458NL	1CT:1.41CT	1CT:1CT	6-8/1-3	Shared	160/160	12	0.4	0.3	1500
E2467NL	1CT:2CT	1CT:1CT	6-8/1-3	Shared	20/100	12	0.3	0.6	1500

Notes:

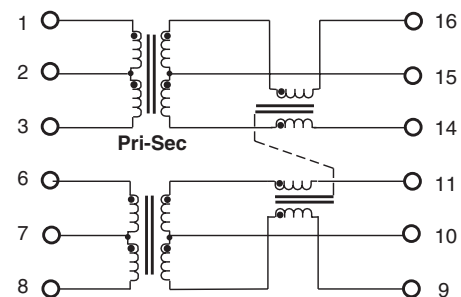
- All above parts Moisture Sensitivity Level (MSL) = 1
- All parts are supplied in Tubes but Tape & Reel options can be requested by add "T" to the end of the part code, eg. E2457NLT will be the Tape & Reel version of E2457NL.
- Not for sale in U.S.

Schematics

E24XXNL



Part without Choke



Part Including Shared Choke

USA 858 674 8100

Germany 49 7032 7806 0

Singapore 65 6287 8998

Shanghai 86 21 62787060

China 86 755 33966678

Taiwan 886 3 4356768

Isolation Transformers For 10Base-T Applications

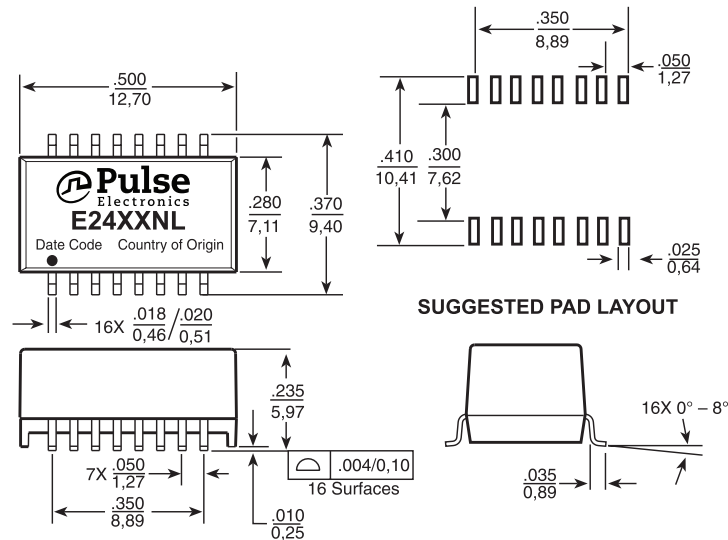
For Adapter Cards, Hubs, and Motherboards

Mechanical

E24XXNL

Dimensions: $\frac{\text{Inches}}{\text{mm}}$

Unless otherwise specified
all tolerances are $\pm \frac{.010}{0,25}$



Weight.....0.85 grams
Tape & Reel.....40/reel
Tube.....600/tube

Cross Reference to old Pulse Products

New RoHS Part Number	Replaces Old Part Number
E2457NL	23Z128SMNL PE-65745NL ST7011NL & ST7011TNL
E2458NL	23Z356SMNL PE-68048NL ST7010NL & ST7010TNL
E2467NL	23Z467SMNL E4001NL ST4202NL & ST4202TNL

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