

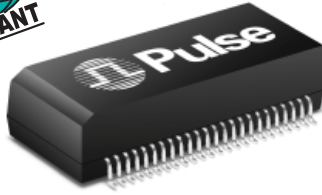







**THE DATASHEET OF  
TX3051NLT**



# T3/DS3/E3/STS-1 TRANSFORMERS

Twelve Transformers Designed for T3, DS3, E3 and STS-1 Interface



-  RoHS peak reflow temperature rating 245°C
-  Twelve transformers in a surface mount package
-  Extended temperature range of -40°C to +85°C
-  Return loss meets requirements of G.703
-  UL recognized

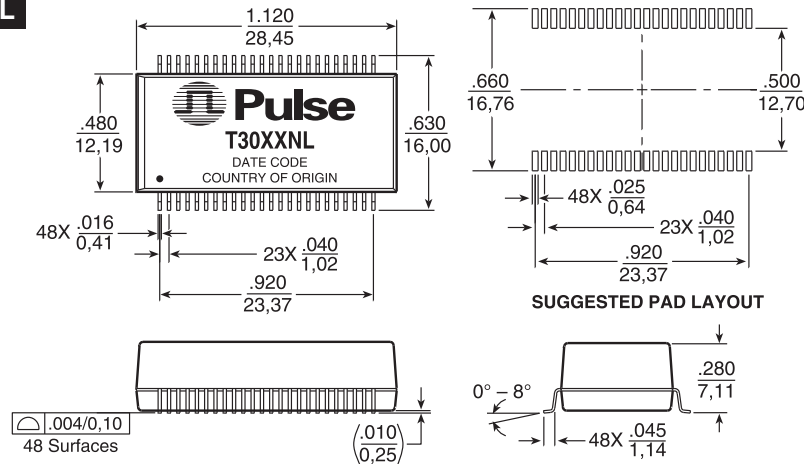
## Electrical Specifications @ 25°C — Operating Temperature -40°C to +85°C

RoHS Compliant Part Number	Turns Ratio (Pri:Sec ±2%)	OCL Primary @ 25°C (μH MIN)	OCL Primary @ -40°C (μH MIN)	L <sub>L</sub> (μH MAX)	Cw/w (pF MAX)	Isolation Voltage (Vrms MIN)	Primary Pins
TX3051NL	1:1	60	40	.120	12	1500	1-2, 3-4, 5-6, 7-8 9-10, 11-12, 13-14, 15-16 17-18, 19-20, 21-22, 23-24
TX3052NL	1:2	40	19	.110	12	1500	1-2, 3-4, 5-6, 7-8 9-10, 11-12, 13-14, 15-16 17-18, 19-20, 21-22, 23-24

NOTE: Crosstalk is typically -60dB.

### TX3051NL, TX3052NL

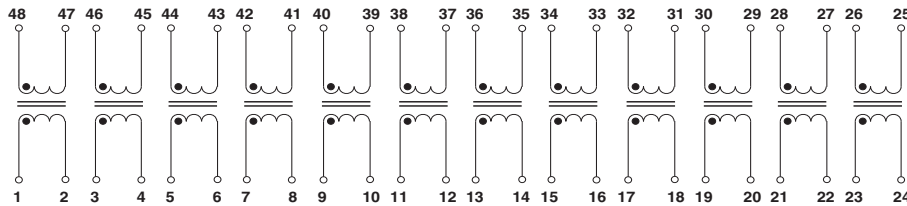
### Mechanical



Tape & Reel . . . . . 250/reel  
Tube . . . . . 15/tube

Dimensions:  $\frac{\text{Inches}}{\text{mm}}$   
Unless otherwise specified, all tolerances are  $\pm \frac{.010}{0,25}$

### Schematic



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