

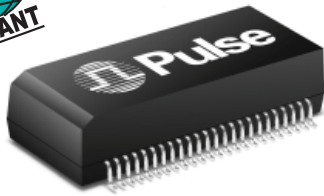


**THE DATASHEET OF
TX3051NL**



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

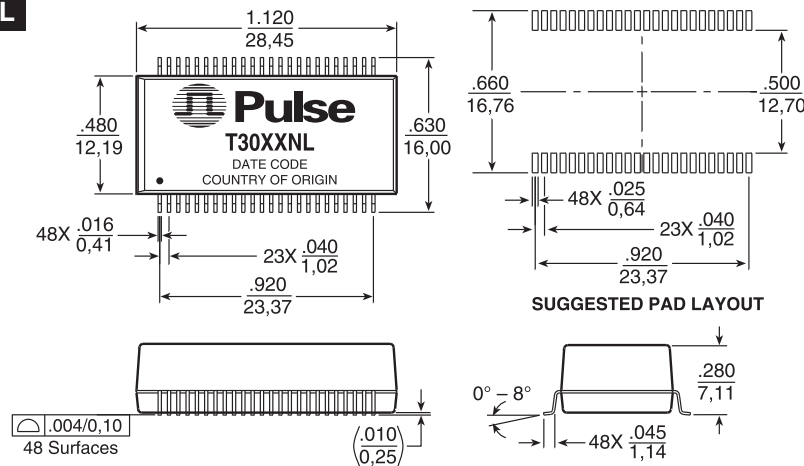
Electrical Specifications @ 25°C — Operating Temperature -40°C to +85°C

RoHS Compliant Part Number	Turns Ratio (Pri:Sec ±2%)	OCL Primary @ 25°C (μH MIN)	OCL Primary @ -40°C (μH MIN)	L _L (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

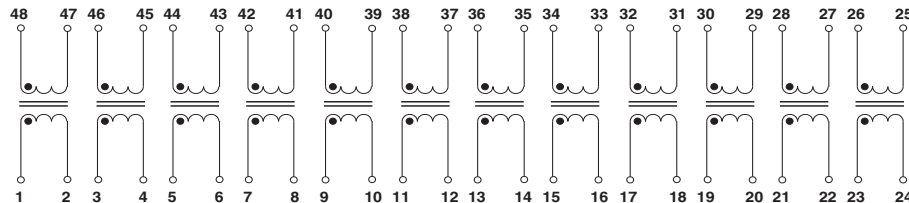
Mechanical



Tape & Reel250/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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