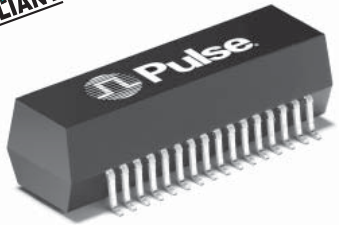


T3/DS3/E3/STS-1 TRANSFORMERS

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



- ⚙️ RoHS peak reflow temperature rating 245°C
- ⚙️ Eight transformers in a surface mount package
- ⚙️ Models matched to leading transceiver ICs
- ⚙️ Return loss meets requirements of G.703
- ⚙️ Recognized by UL1950 (some parts pending approval)
- ⚙️ Isolation voltage: 1500 Vrms

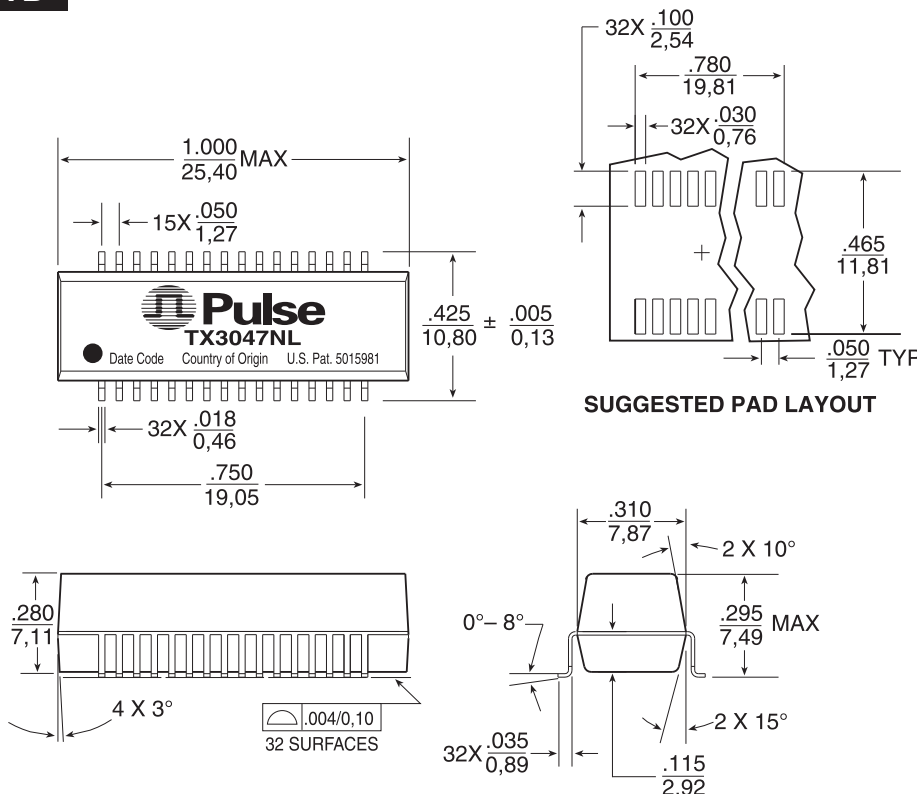
Electrical Specifications @ 25°C

RoHS-6 Compliant Part Number ¹	Turns Ratio (Pri:Sec ±2%)	OCL Primary @ 25°C (μH MIN)	LL (μH MAX)	C _{w/w} (pF MAX)	Isolation Voltage (Vrms MIN)	Package/ Schematic	Primary Pins
TX3047NL ²	1:1	100	.150	10	1500	YB/1	1-2, 3-4, 5-6, 7-8 9-10, 11-12, 13-14, 15-16

- For Tape & Reel packaging, add a "T" suffix to the part number when ordering (e.g. T3047NL becomes T3047NL T).
- NOTE:** Operating Temperature Range: -40°C to +85°C.

Mechanical

YB



Weight 2.7 grams
Tape & Reel 200/reel
Tube 20/tube

Dimensions: Inches
mm
Unless otherwise specified,
all tolerances are ± .010
0.25

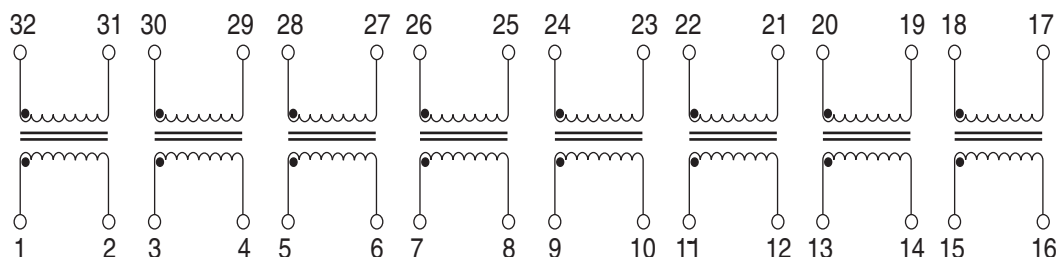
T3/DS3/E3/STS-1 TRANSFORMERS

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



Schematic

1



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