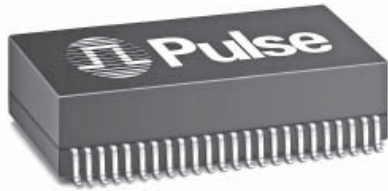









# T1/CEPT/ISDN-PRI TRANSFORMER

## Quad Port SMT Transformer Module

### with Line Side Protection



-  RoHS peak reflow temperature rating 245°C
-  Four transmit and four receive transformers, and line side protection circuit in a surface mount package
-  Extended temperature range
-  Patented "Interlock Base" construction for high-reliability
-  IC grade transfer-molded package
-  Minimum isolation voltage: 1500 Vrms
-  UL recognized

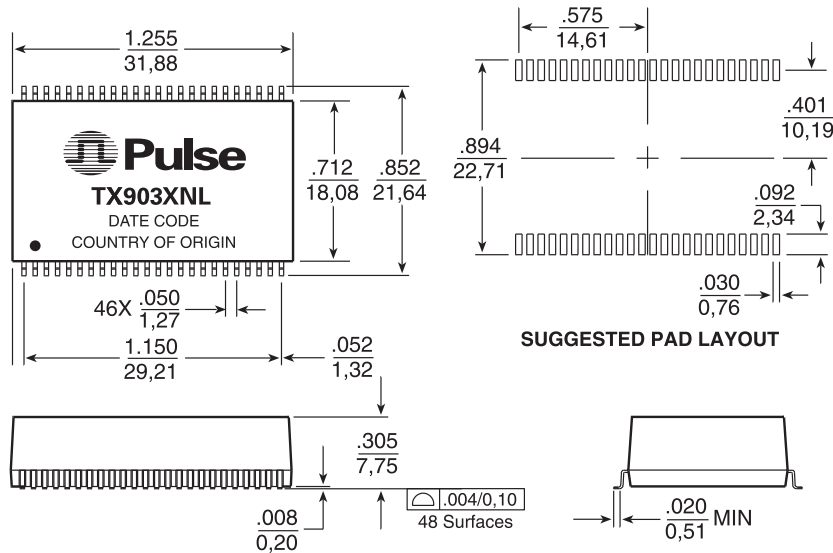
#### Electrical Specifications @ 25°C — Operating Temperature -40°C to +85°C

RoHS-6 Compliant Part Number	Turns Ratio (Pri:Sec ±2%)		OCL Line Side (mH MIN)	Cw/w (pF MAX)	LL (μH MAX)	Package/ Schematic	Primary Pins	
	Transmit	Receive					Transmit	Receive
TX9032NL	1CT:1	1:1CT	1.2	35 & 35	.80 & .80	BRT	4-6, 10-12, 16-18, 22-24	48-46, 42-40, 36-34, 30-28
TX9033NL	1CT:1.14	1.14CT:1	1.2	35 & 35	1.0 & 1.0	BRT	4-6, 10-12, 16-18, 22-24	48-46, 42-40, 36-34, 30-28

**NOTE:** When ordering Tape & Reel packaging, add a "T" suffix to the part number (ex: TX9032NLT).

## Mechanical

**BRT**



Weight ..... 9.2 grams  
 Tape & Reel ..... 150/reel  
 Tube ..... 15/tube

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

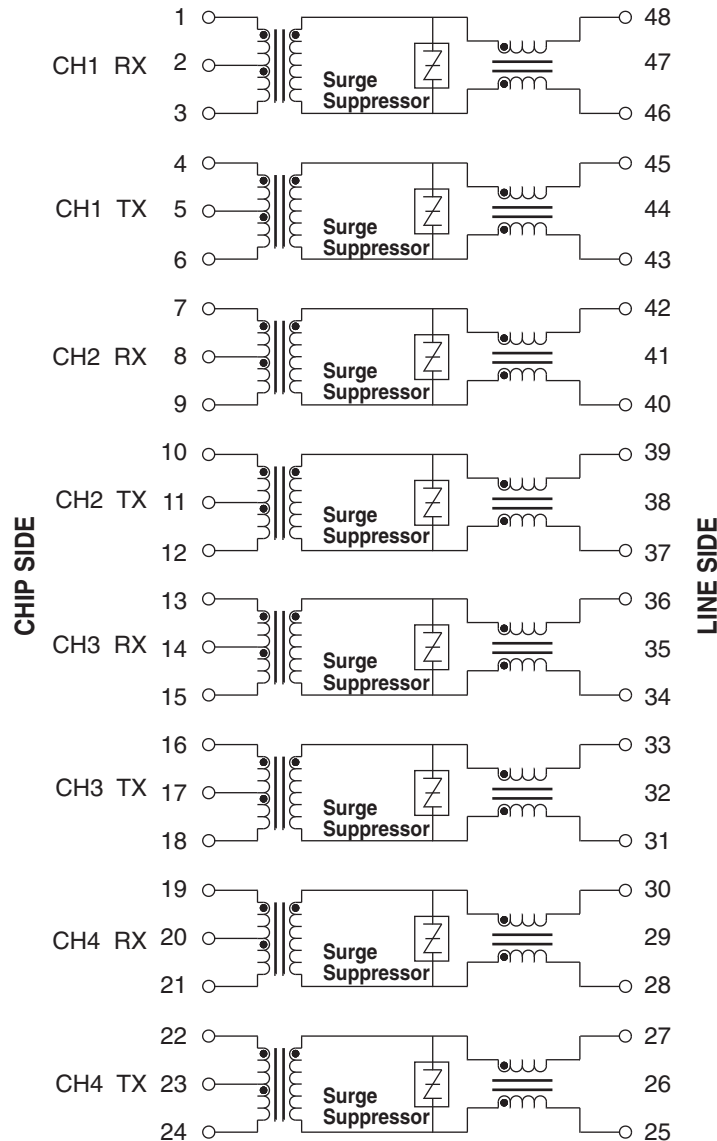
# T1/CEPT/ISDN-PRI TRANSFORMER

## Quad Port SMT Transformer Module

### with Line Side Protection



### Schematic



### For More Information:

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