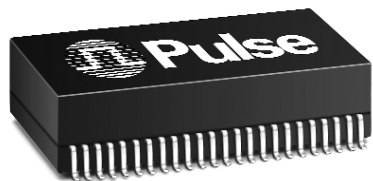








# T1/CEPT/ISDN-PRI TRANSFORMER

## Quad Port SMT Transformer Module with Line Side Protection



-  Four transmit transformers, 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 withstands 235°C IR reflow temperature
-  Minimum Isolation voltage: 1500 Vrms
-  UL recognized

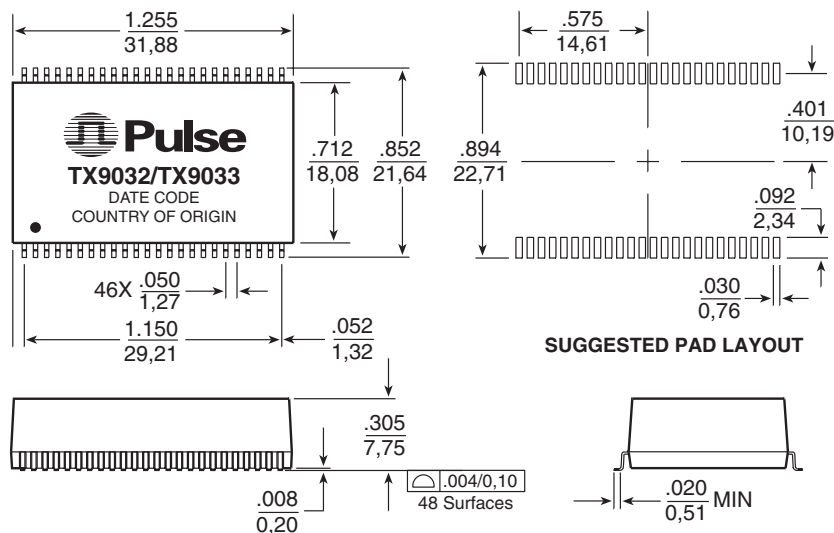
### Electrical Specifications @ 25°C — Operating Temperature -40°C to +85°C

| 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                    |
| TX9032      | 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 |
| TX9033      | 1CT:1.14                  | 1.14:1CT | 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 |

### Mechanical

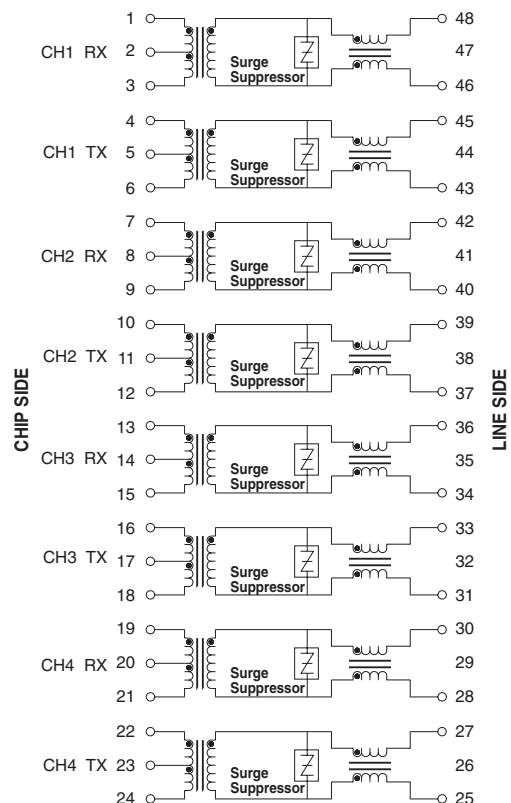
### Schematic

#### BRT



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

Dimensions: Inches  
mm  
Unless otherwise specified, all tolerances are ± .010  
0,25



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T680.A (5/06)