




# T3/DS3/E3/STS-1 TRANSFORMER

## Quad Port T3/E3 Transformer Module

for use with TDK chipset



-  Quad port surface mount package contains both transmit and receive transformers
-  Return loss meets requirements of G.703
-  Isolation voltage: 1500 Vrms

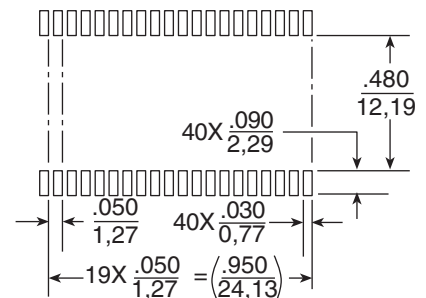
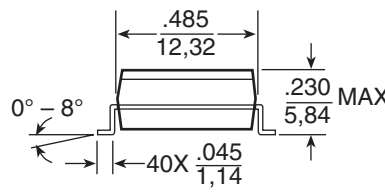
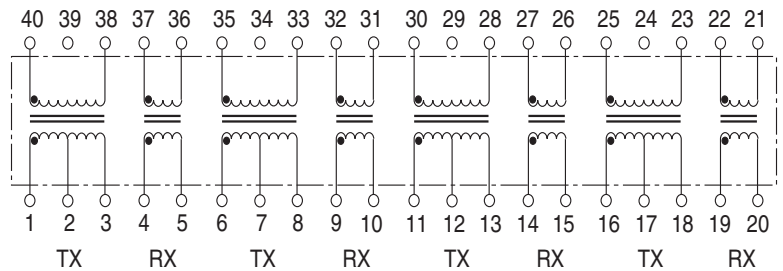
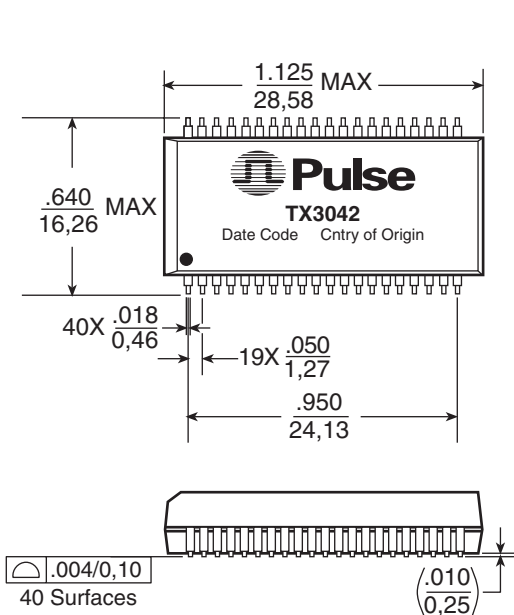
Electrical Specifications @ 25°C					
Part Number	Turns Ratio (Pri:Sec ±2%)	OCL Line @ 25°C (μH MIN)	L <sub>L</sub> (μH MAX)	C <sub>ww</sub> (pF MAX)	Isolation Voltage (Vrms MIN)
TX3042	1:1 & 1:2CT	40	.12	10	1500

\*NOTE: Operating Temperature Range: -40°C to +85°C

### Mechanical

### Schematic

#### TX3042



**SUGGESTED PAD LAYOUT**

Weight ..... 4.0 grams  
 Tape & Reel ..... .250/reel  
 Tube ..... .15/tube

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

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**T690.A (8/04)**