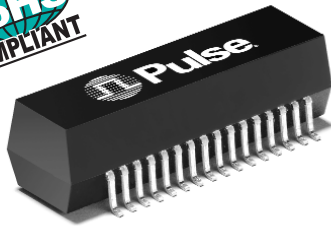


# T1/E1/CEPT/ISDN-PRI TRANSFORMER

## Octal SMT Transformer Module, Small Package



- Ⓜ Industry's smallest T1/E1 quad-port transformer module
- Ⓜ Crosstalk: -60dB typically
- Ⓜ Operating temperature range: -40°C to +85°C
- Ⓜ UL recognized (some parts pending approval)
- Ⓜ Isolation voltage: 1500Vrms

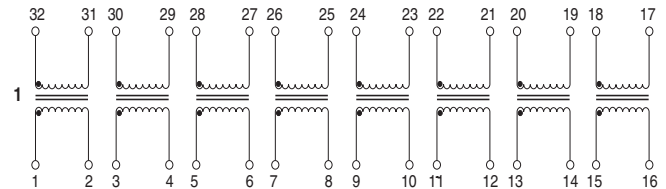
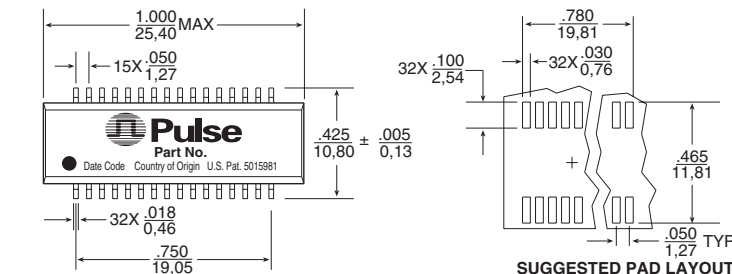
### Electrical Specifications @ 25°C — Operating Temperature -40°C to +85°C

Standard Part No.	RoHS-6 Compliant Part No.	Turns Ratio (Pri:Sec ±2%)	OCL Secondary @ 25°C (mH MIN)	LL (μH MAX)	C <sub>ww</sub> (pF MAX)	Isolation Voltage (Vrms MIN)	Package/Schematic	Primary Pins
TX1341	TX1341NL	1:2	1.2	.60	30	1500	YB/1	1-2, 3-4, 5-6, 7-8 9-10, 11-12, 13-14, 15-16
TX1342	TX1342NL	1:1.15	1.2	.60	30	1500	YB/1	1-2, 3-4, 5-6, 7-8 9-10, 11-12, 13-14, 15-16
T1343	T1343NL	1:1.266	1.5	.50	40	1500	YB/1	32-31, 30-29, 28-27, 26-25 24-23, 22-21, 20-19, 18-17
TX1344	TX1344NL	1:1 & 1:2	1.2	.60	30	1500	YB/1	1-2, 5-6, 9-10, 13-14 & 3-4, 7-8, 11-12, 15-16
TX1470	TX1470NL	1:1.41	1.2	.60	30	1500	YB/1	1-2, 3-4, 5-6, 7-8 9-10, 11-12, 13-14, 15-16
TX1471	TX1471NL	1:1	1.2	.60	30	1500	YB/1	1-2, 3-4, 5-6, 7-8 9-10, 11-12, 13-14, 15-16
TX1472	TX1472NL	1:2.4 & 1:1	1.2	.60	30	1500	YB/1	1-2, 7-8, 9-10, 15-16 & 3-4, 5-6, 11-12, 13-14
TX1473	TX1473NL	1:2 & 1:1	1.2	.60	30	1500	YB/1	1-2, 5-6, 9-10, 13-14 & 3-4, 7-8, 11-12, 15-16
TX1474	TX1474NL	1:2.42	1.2	.60	30	1500	YB/1	1-2, 5-6, 9-10, 13-14 & 3-4, 7-8, 11-12, 15-16
TX1475	TX1475NL	1:2 & 1:1	1.2	.60	30	1500	YB/1	1-2, 7-8, 9-10, 15-16 & 3-4, 5-6, 11-12, 13-14

### Mechanical

### Schematic

#### YB



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

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

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T671.E (2/07)

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