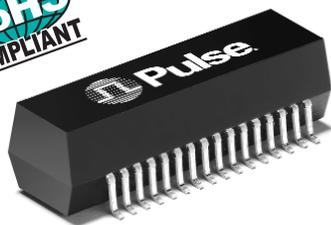


# T1/E1/CEPT/ISDN-PRI TRANSFORMER

## 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

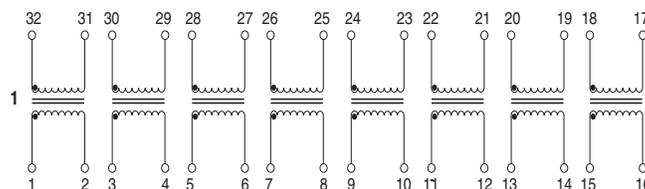
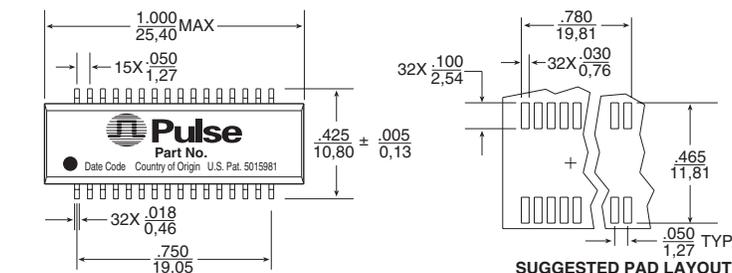
### Electrical Specifications @ 25°C — Operating Temperature -40°C to +85°C

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

### For More Information:

**Pulse Worldwide Headquarters**  
12220 World Trade Dr.  
San Diego, CA 92128  
U.S.A.  
[www.pulseeng.com](http://www.pulseeng.com)

**Pulse Europe**  
Einsteinstrasse 1  
D-71083 Herrenberg  
Germany

**Pulse China Headquarters**  
B402, Shenzhen  
Tech-Innovation International  
Tenth Kejian Rd.  
High-Tech Industrial Park  
Nanshan District, Shenzhen  
China  
Tel: 86 755 33966678  
Fax: 86 755 33966700

**Pulse North China**  
Room 1503  
XinYin Building  
No. 888 YiShan Rd.  
Shanghai 200233  
China  
Tel: 86 21 54643211/2  
Fax: 86 21 54643210

**Pulse South Asia**  
150 Kampong Ampat  
#07-01/02  
KA Centre  
Singapore 368324  
Tel: 65 6287 8998  
Fax: 65 6280 0080

**Pulse North Asia**  
No. 26  
Kao Ching Rd.  
Yang Mei Chen  
Taoyuan Hsien  
Taiwan, R. O. C.  
Tel: 886 3 4641811  
Fax: 886 3 4641911

Tel: 858 674 8100  
Fax: 858 674 8262

Tel: 49 7032 7806 0  
Fax: 49 7032 7806 12

Tel: 86 21 54643211/2  
Fax: 86 21 54643210

Tel: 65 6287 8998  
Fax: 65 6280 0080

Tel: 886 3 4641811  
Fax: 886 3 4641911

Performance warranty of products offered on this data sheet is limited to the parameters specified. Data is subject to change without notice. Other brand and product names mentioned herein may be trademarks or registered trademarks of their respective owners. © Copyright, 2007. Pulse Engineering, Inc. All rights reserved.

[www.pulseeng.com](http://www.pulseeng.com)

T671.E (2/07)