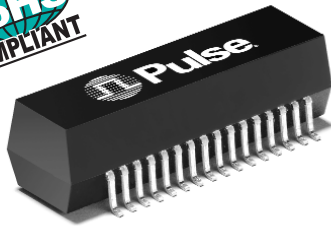


T1/E1/CEPT/ISDN-PRI TRANSFORMER

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

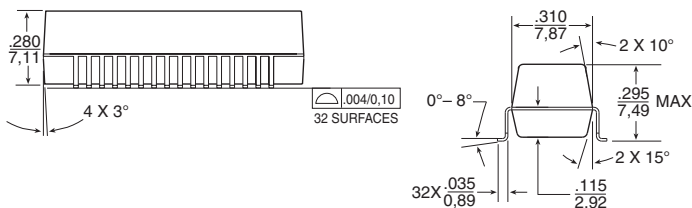
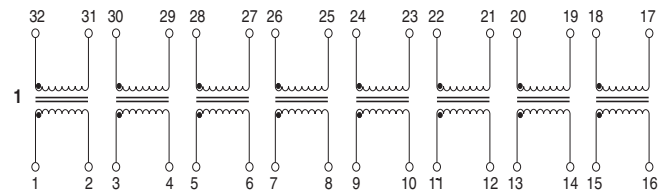
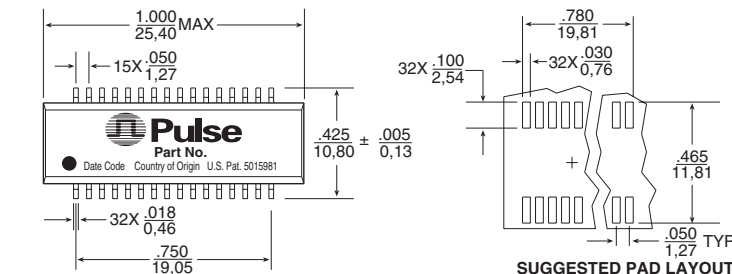
Electrical Specifications @ 25°C — Operating Temperature -40°C to +85°C

Standard Part No.	RoHS-6 Compliant Part No.	Turns Ratio (Pri:Sec ±2%)	OCL Secondary @ 25°C (mH MIN)	LL (μH MAX)	C _{ww} (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 & Reel200/reel
Tube20/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

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

T671.E (2/07)