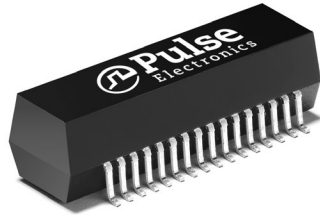


T1/E1/CEPT/ISDN-PRI TRANSFORMER

Octal SMT Transformer Module, Small Package



- RoHS peak reflow temperature rating 245°C
- Industry's smallest T1/E1 quad-port transformer module
- Crosstalk: -60 dB typically
- Operating temperature range: -40°C to +85°C
- UL recognized (some parts pending approval)
- Isolation voltage: 1500 Vrms

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

RoHS-6 Compliant Part Number	Turns Ratio (Pri:Sec 2%)	OCL Secondary @ 20 (mH MIN)	L _L (μH MAX)	C _{w/w} (pF MAX)	Isolation Voltage (Vrms MIN)	Package/ Schematic	Primary Pins
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
TX1344NL	1:1 & 1:2	1.2	.60	40	1500	YB/1	1-2, 5-6, 9-10, 13-14 & 3-4, 7-8, 11-12, 15-16
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
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
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
TX1473NL	1:2 & 1:1	1.2	.60	30	1500	YB/1	1-2, 5-6, 9-10, 13-14 & 3-4, 5-6, 11-12, 15-16
TX1474NL	1:2.42	1.2	.60	30	1500	YB/1	1-2, 5-6, 9-10, 13-14 & 3-4, 5-6, 11-12, 15-16
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

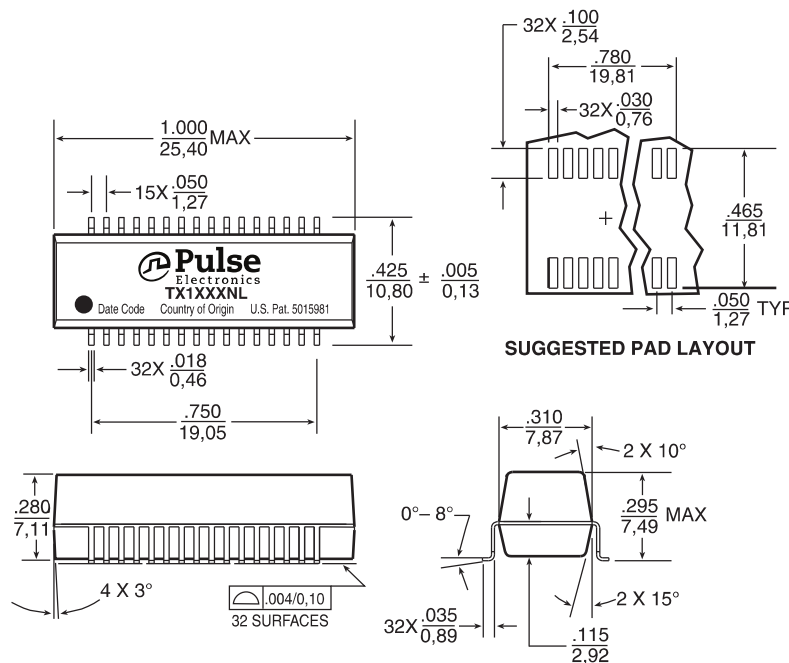
USA 858 674 8100 Germany 49 7032 75060 Singapore 65 6287 8998 Shanghai 86 21 6278 87060 Korea 86 755 33965678 Taiwan 886 3 435678

T1/E1/CEPT/ISDN-PRI TRANSFORMER

Octal SMT Transformer Module, Small Package

Mechanical

YB



Weight2.7 grams

Tape & Reel200/reel

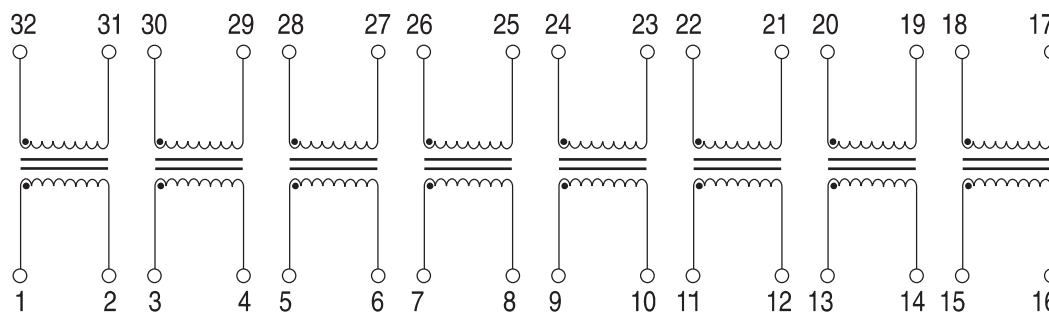
Tray20/tray

Dimensions: Inches
mm

Unless otherwise specified,
all tolerances are
0.10
0.25

Schematic

1



For More Information

Pulse Worldwide Headquarters

12220 World Trade Drive
San Diego, CA 92128
U.S.A.

Tel: 858 674 8100
Fax: 858 674 8262

Pulse Europe

Zeppelinstrasse 15
D-74083 Herrenberg
Germany

Tel: 49 7032 78060
Fax: 49 7032 7806 158057

Pulse China Headquarters

B402, Shenzhen Academy
Aerospace Technology Bldg.
10th Kejian Road
High-Tech Zone
Nanshan District
Shenzhen, PR China

Tel: 86 755 33966678
Fax: 86 755 33966700

Pulse North China

Room 2704/2705
Super Ocean Finance Ctr.
2067 Yan An Road
West
Shanghai 200336
China

Tel: 86 21 62787060
Fax: 86 2162786973

Pulse South Asia

135 Joo Seng Road
#03-02
PM Industrial Bldg.
Singapore 368363

Tel: 65 6287 8998
Fax: 65 6287 8998

Pulse North Asia

3F, No. 198
Zhongyuan Road
Zhongli City
Taoyuan County 320
Taiwan R. O. C.

Tel: 886 3 4356768
Fax: 886 3 4356823 (Pulse)
Fax: 886 3 4356820 (FRE)

Performance warranty of products offered on this data sheet is limited to the parameters specified. Data is subject to change without notice. All trademarks or registered trademarks of their respective owners. © Copyright, 2012. Pulse Electronics, Inc. All rights reserved.