






AUDIO TRANSFORMERS SURFACE MOUNT PACKAGE



-  RoHS peak reflow temperature rating 245°C
-  Typical applications: telephone sets, PBXs, DLC systems, central office switches
-  Optimized insertion loss and return loss for audio frequency range, including voiceband
-  Designed for 600 Ω line impedance
-  Small SMT footprint

Electrical Specifications @ 25°C

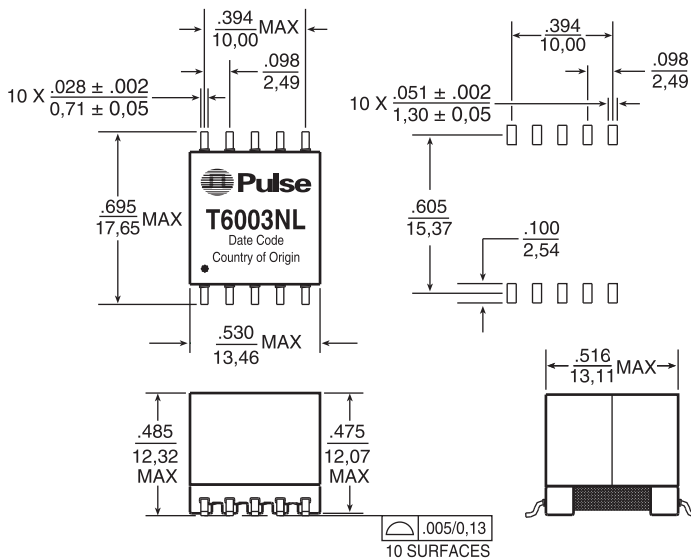
RoHS-Compliant Part Number	Turns Ratio Pri:Sec (±2%)	DCR Pri Side (Ω MAX)	DCR Sec Side (Ω MAX)	Isolation Voltage (Vrms MIN)	Insertion Loss (dB MAX)				Return Loss (dB MIN)		
					200 Hz	1 kHz	20 kHz	100 kHz	200 Hz	1 kHz	10 kHz
T6003NL	1:1	55	70	1500	1.0	1.0	1.0	1.9	20	30	25

NOTE: Optional Tape & Reel packaging can be ordered by adding a "T" suffix to the part number (ex: T6003NLT).

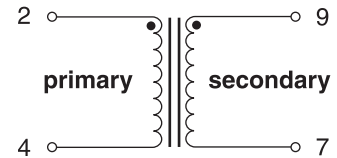
Mechanical

Schematic

T6003NL



T6003NL: 600 Ω / 600 Ω



Weight 6.7 grams
Pan Size 60/tray
Tape & Reel 150/reel

Dimensions: $\frac{\text{Inches}}{\text{mm}}$

Unless otherwise specified, all tolerances are $\pm \frac{.010}{0.25}$

For More Information:

Pulse Worldwide Headquarters

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

www.pulseeng.com

Tel: 858 674 8100
Fax: 858 674 8262

Pulse Europe

Einsteinstrasse 1
D-71083 Herrenberg
Germany

Tel: 49 7032 7806 0
Fax: 49 7032 7806 135

Pulse China Headquarters

B402, Shenzhen Academy of
Aerospace Technology Bldg.
10th Kejinan Rd.
High-Tech Zone
Nanshan District
Shenzhen, PR China 518057

Tel: 86 755 33966678
Fax: 86 755 33966700

Pulse North China

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

Tel: 86 21 62787060
Fax: 86 2162786973

Pulse South Asia

135 Joo Seng Rd.
#03-02
PM Industrial Bld g.
Singapore 368363

Tel: 65 6287 8998
Fax: 65 6287 8998

Pulse North Asia

3F, No. 198
Zhongyuan Rd.
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. Other brand and product names mentioned herein may be trademarks or registered trademarks of their respective owners.

© Copyright, 2010. Pulse Engineering, Inc. All rights reserved.

www.pulseeng.com

T628.C (10/10)