



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

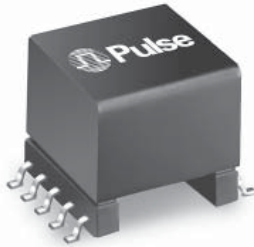
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# AUDIO TRANSFORMERS SURFACE MOUNT PACKAGE



-  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

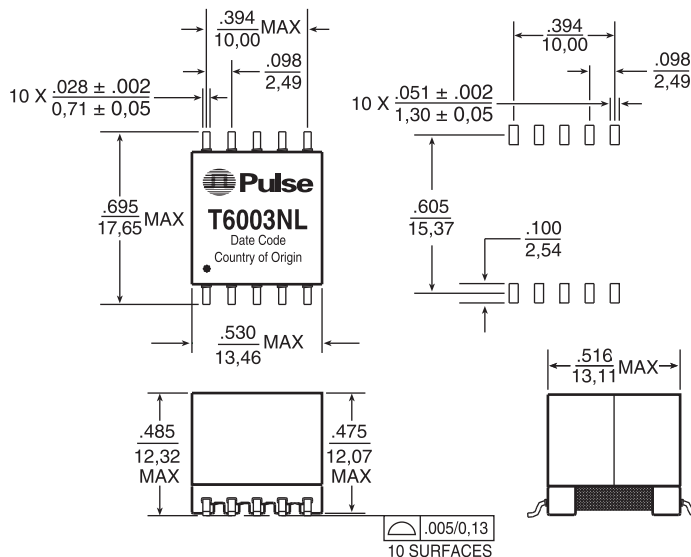
RoHS-Compliant Part Number	Turns Ratio Pri:Sec (±2%)	DCR Pri Side (Ω MAX)	DCR Sec Side (Ω MAX)	Isolation Voltage (Vrms MIN)	Insertion Loss (dB MAX)				Return Loss (dB MIN)		
					200 Hz	1 kHz	20 kHz	100 kHz	200 Hz	1 kHz	10 kHz
T6003NL	1:1	55	70	1500	1.0	1.0	1.0	1.9	20	30	25

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

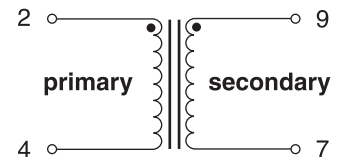
## Mechanical

## 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  $\pm \frac{.010}{0.25}$

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