

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

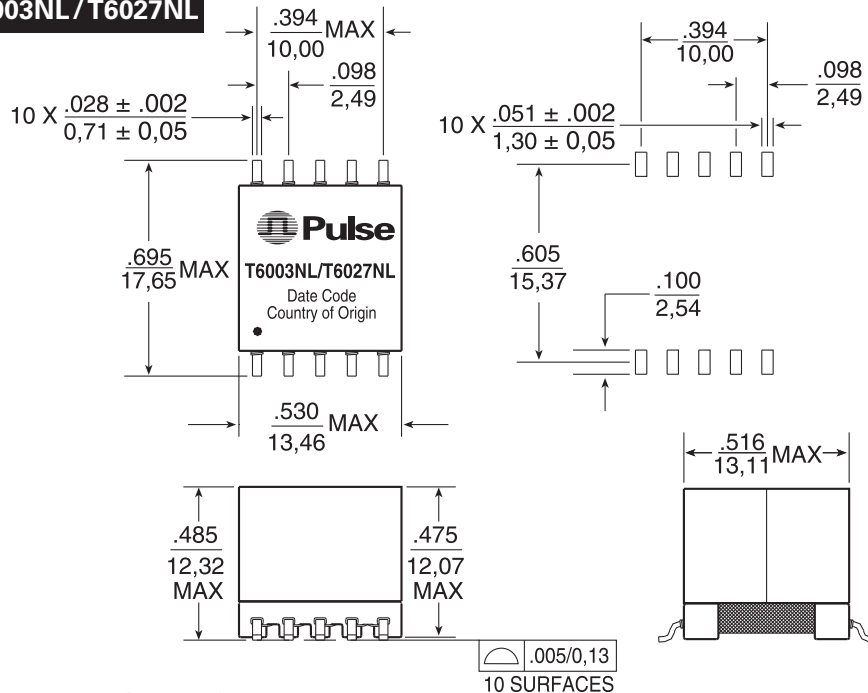
RoHS-Compliant Part Number	Turns Ratio Pri:Sec ($\pm 2\%$)	DCR Pri Side (Ω MAX)	DCR Sec Side (Ω MAX)	Isolation Voltage (Vrms MIN)	Insertion Loss (dB MAX)				Return Loss (dB MIN)		
					200 Hz	1 kHz	20 kHz	100 kHz	200 Hz	1 kHz	10 kHz
T6027NL	1:2	55	390	1500	1.2	1.0	1.0	1.7	18	18	18
T6003NL	1:1	55	70	1500	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).

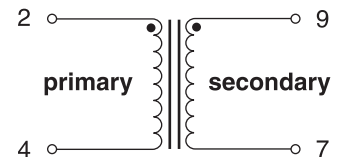
Mechanical

Schematic

T6003NL / T6027NL



T6003NL: 600 Ω /600 Ω
T6027NL: 600 Ω /2400 Ω



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

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

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

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T628.B (7/09)

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