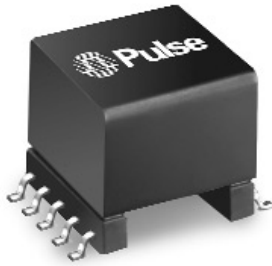


AUDIO TRANSFORMERS SURFACE MOUNT PACKAGE



- 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

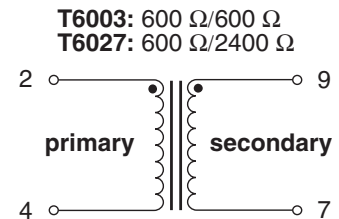
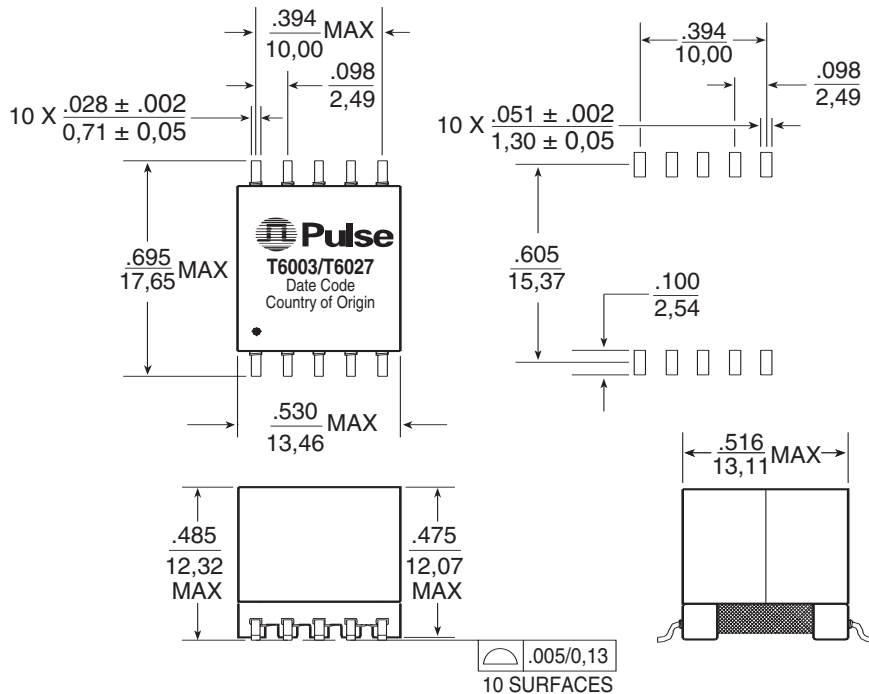
Part Number	Turns Ratio Pri:Sec ($\pm 2\%$)	DCR Pri Side (Ω MAX)	DCR Sec Side (Ω MAX)	Isolation Voltage (Vrms MIN)	Insertion Loss (dB MAX)				Return Loss (dB MIN)		
					200 Hz	1 KHz	20 KHz	100 KHz	200 Hz	1 KHz	10 KHz
T6027	1:2	55	390	1500	1.2	1.0	1.0	1.7	18	18	18
T6003	1:1	55	70	1500	1.0	1.0	1.0	1.9	20	30	25

NOTE: Optional Tape & Reel packaging can be ordered by adding a "T" suffix to the part number (ex: T6003T).

Mechanical

Schematic

T6003/T6027



Weight6.7 grams
 Pan Size60/tray
 Tape and Reel150/reel
 Dimensions: $\frac{\text{Inches}}{\text{mm}}$
 Unless otherwise specified,
 all tolerances are $\pm \frac{.010}{0,25}$

For More Information :

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T628.A (9/03)