

AUDIO TRANSFORMERS SURFACE MOUNT PACKAGE

FEATURES

- 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

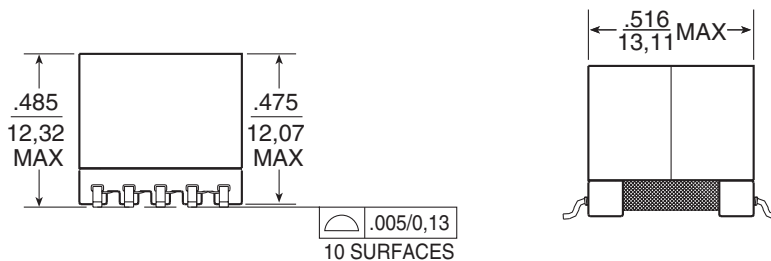
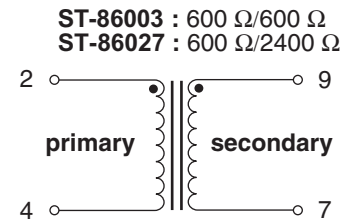
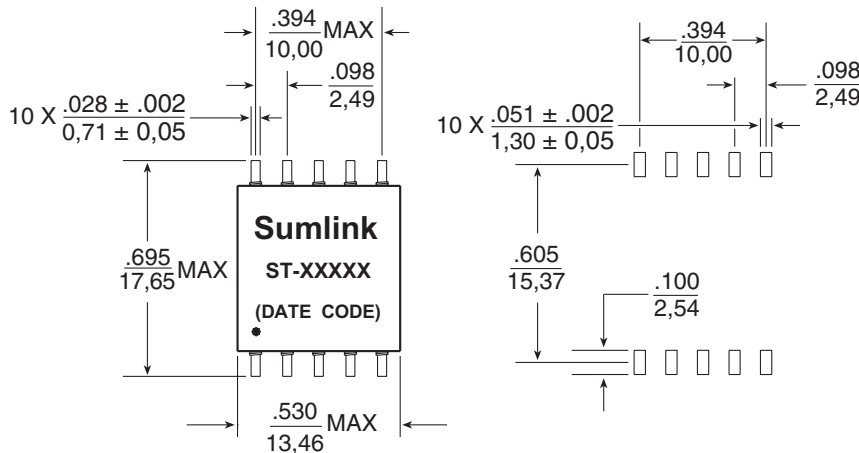


Electrical Specifications @ 25°C

Part Number	Turns Ratio Pri:Sec (±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
ST-86027	1:2	55	390	1500	1.2	1.0	1.0	1.7	18	18	18
ST-86003	1:1	55	70	1500	1.0	1.0	1.0	1.9	20	30	25

Mechanical

Schematic



Dimensions: $\frac{\text{Inches}}{\text{mm}}$
 Unless otherwise specified,
 all tolerances are $\pm \frac{.010}{0,25}$