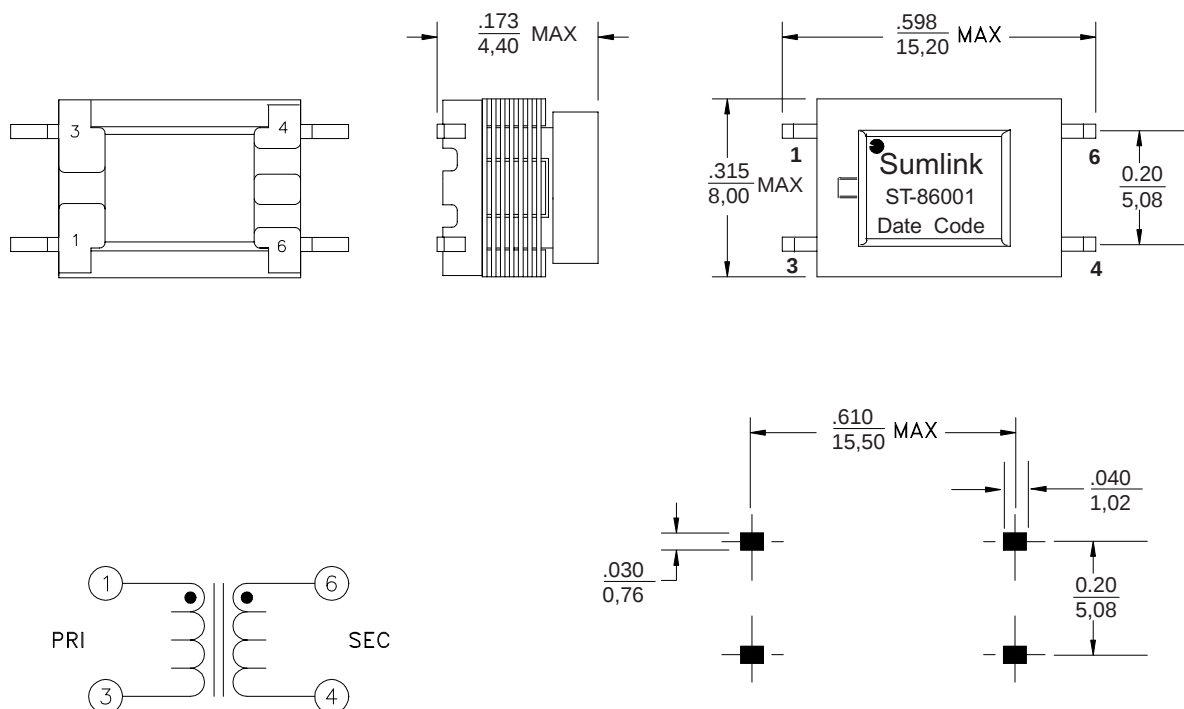


AUDIO TRANSFORMER

FOR Low Speed Modem

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

IMPEDANCE:	Designed to reflect 600 ohms on PRI with 301ohm load (for best Return Loss).
LONGITUDINAL BALANCE:	60dB min., 200 – 1000Hz; 40dB min., 1k – 4kHz, per FCC part 68.
D.C. RESISTANCE (@20°C):	PRI, 155 ohms $\pm 15\%$. SEC, 150 ohms $\pm 15\%$.
FREQUENCY RESPONSE:	± 0.5 dB, 300Hz – 4kHz.
INSERTION LOSS:	3.0dB ± 0.25 dB, 1000Hz.
DIELECTRIC RATING:	1000VAC, 1 minute tested by applying 1250VAC for 1 second
INDUCTANCE:	4.0 H min., 1000Hz, 100mVAC, 1–3, Lp.
TURNS RATIO:	(1–3):(6–4) = 1:1, $\pm 1\%$.
TOTAL HARMONIC DISTORTION:	–82dB max., 600Hz, –10dBm.
NOTE: Routing conductive traces under transformer is not recommended.	
Designed to be compatible with V.34 modulation schemes.	



CUSTOMER TO DETERMINE LAND LAYOUT