

SONET/SDH(E4/STM-1) DUAL LINE INTERFACE TRANSFORMERS

FEATURES

- Compliant with ITU-T/G.703
- Supports 139.264 (E4) and 155.52 (STM-1) Mbps for Coded Mark Inversion (CMI) interfaces
- Designed to interface with Level One's LXT6155 for use with 75 Ω coaxial cable
- Dual design supports transmit and receive circuitry
- Designed for fast rise time and low signal distortion

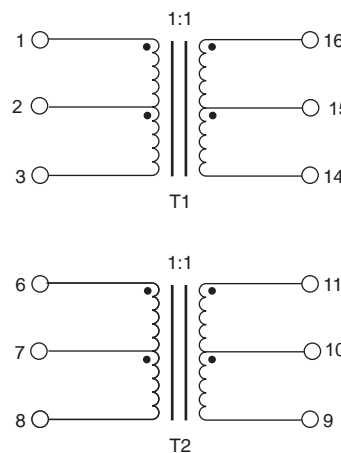
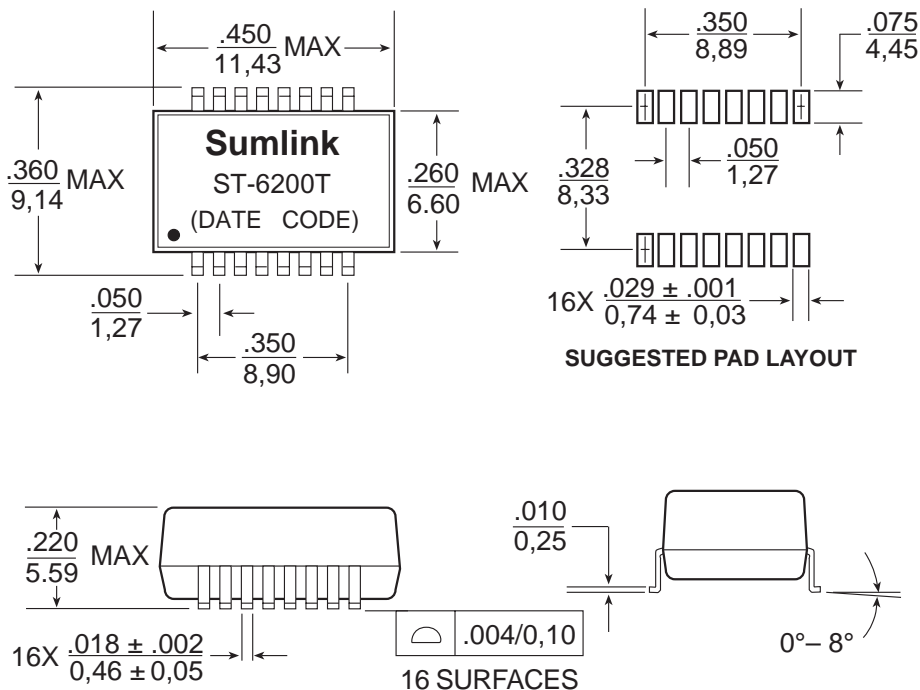


Electrical Specifications @ 25°C — Operating Temperature -40°C to +85°C

Part Number	Turns Ratio (±5%)	Primary Inductance OCL (μH MIN) @ 20m Vrms, 100 kHz	Leakage Inductance L_L (nH MAX)	Interwinding Capacitance C_{ww} (pF MAX)	DC Resistance DCR (Ω MAX)	Hipot (Vrms MIN)
ST-6200T	1 : 1	36.0	100	6.0	.30	1500

Mechanical

Schematic



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

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