

COPPERHEAD™ HIGH SPEED DUAL TRANSFORMERS

FEATURES

- Compliant with ANSI X3T111, Fiber Channel, FC-PH-3 for quarter/full speed applications, SMPTE, IEEE1394 Firewire
- Moisture sensitivity Level 3
- Pick and place compatible
- IC grade package withstands 225°C peak temperature profile



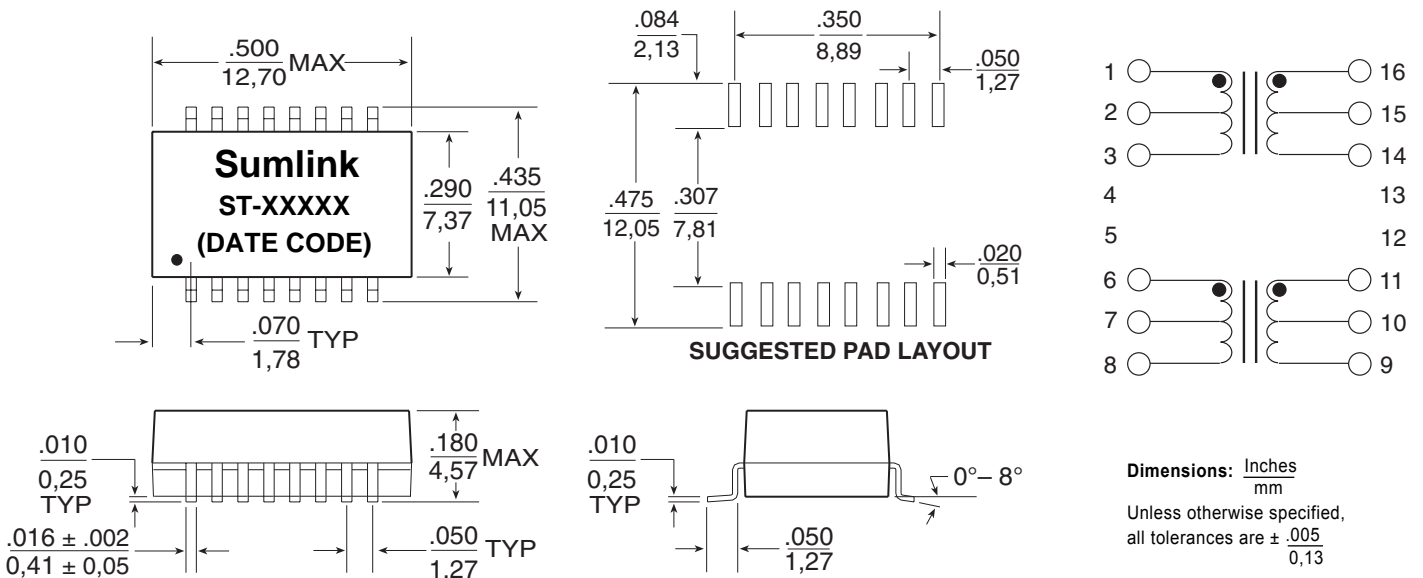
Electrical Specifications @ 25°C — Operating Temperature -55°C to +125°C

Part Number	Turns Ratio (±5%)	Primary Inductance (µH MIN)	Rise Time @ 20% to 80% (pS MAX)	DC Resistance (Ω MAX)	Hi-Pot (Vrms MIN)	Insertion Loss (dB MAX)	Application Nominal Bit Rate (Mbaud)
ST-0330G	1CT:1CT	26 @ 1Vrms, 100kHz	350	0.2	1,500	-1.5 @ 15-165MHz	265.6 (1/4 speed)
ST-1062G	1CT:1CT	3.75 @ 10Vrms, 100kHz	280	0.2	1,500	-2.0 @ 100-165MHz	1,062.5 (full speed)
ST-1250G	1CT:1CT	3.75	280	0.2	1,500	-2.00	1,250
ST-1485G	1CT:1CT	3.75	280	0.2	1,500	-2.00	1,485 (SMTPE)
ST-3200G	1:1	0.70	200	0.2	1,500	-4.50	3,200

Mechanical

Schematic

ST-0330G, ST-1062G, ST-1250G, ST-1485G



ST-3200G

