

GIGABIT DUAL TRANSFORMERS

FEATURES

- For Use with 150 WTwinax Cable
- Compliant with ANSI X3T9.5, FC-PH-3 Fibre Channel Physical Layer Specification
- Compliant with IEEE 802.3z PMD
- Designed for fast rise-time and a low frequency cutoff of 2.5 MHz
- IC grade transfer-molded package withstands 235°C peak temperature profile

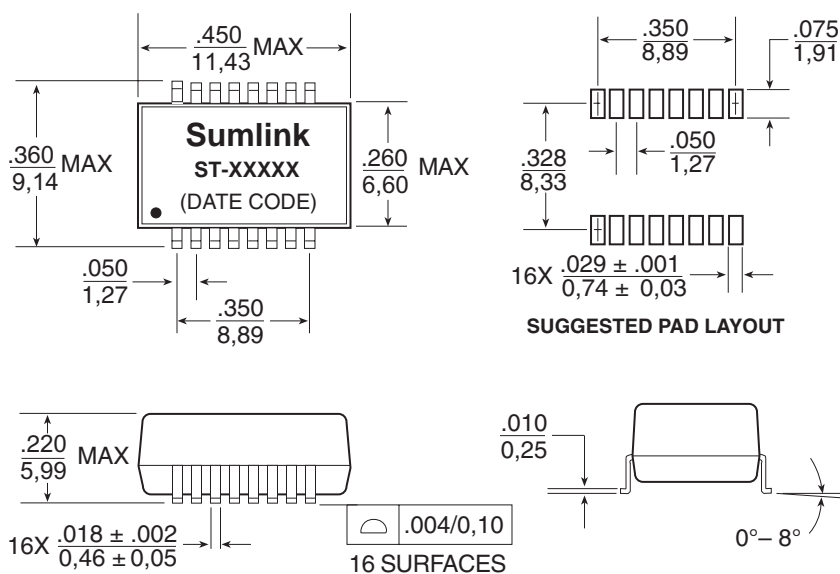


Electrical Specifications @ 25°C — Operating Temperature 0°C to 70°C

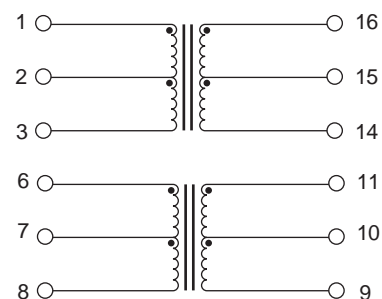
Part Number	Turns Ratio (±6%)	Primary Inductance OCL (μH MIN) (@ 20 mVrms, 100 kHz)	DCR (Ω MAX)	Hi-Pot (Vrms)	Rise Time (ps MAX) 20-80%	Low Frequency Cutoff (-3 dB)
ST-L6801	1CT:1CT	5.50	0.21	1500	350	≤ 2.5 MHz
ST-L6802	1:1	5.50	0.21	1500	280	≤ 2.5 MHz

Mechanical

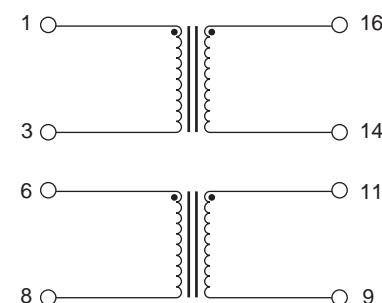
Schematics



ST-L6801



ST-L6802



Dimensions: $\frac{\text{Inches}}{\text{mm}}$

Unless otherwise specified, all tolerances are $\pm \frac{.005}{0,13}$