

T1/E1/CEPT/ISDN-PRI INTERFACE MODULES

FEATURES

- Optimized for enhanced EMC performance
- Extended temperature range
- Dual SMT package contains transformers with Common Mode Chokes on both transmit and receive channels
- Isolation voltage: 1500 Vrms

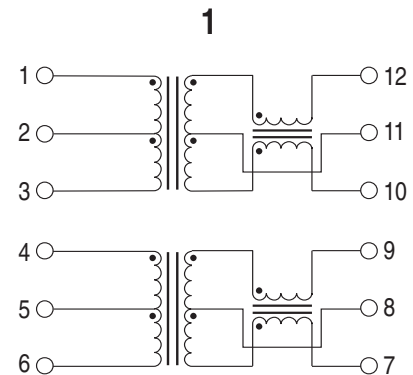
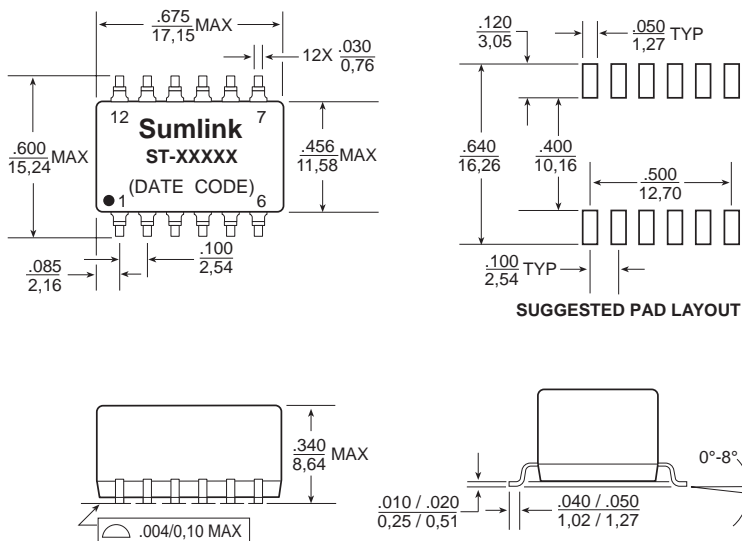


Electrical Specifications @ 25°C – Operating Temperature -40°C TO +85°C

Part Number	Turns Ratio (1-3:10-12 & 4-6:7-8 ± 2%)	Secondary OCL @ 25°C (mH MIN)	L _L (μH MAX)	C _{W/W} (pF MAX)	DCR Pri (Ω MAX)	HIPOT (Vrms)
ST-81207	1CT:2CT & 1CT:2CT	1.20	0.60	25	0.60	1500
ST-81208	1CT:2CT & 1CT:1.36CT	1.20	0.60	30	0.70	1500
ST-81209	1CT:1.15CT & 1CT:2CT	1.20	0.60	35	0.80	1500
ST-81210	1CT:1.26CT & 1CT:2CT	1.20	0.60	30	0.80	1500
ST-81220	1CT:1CT & 1CT:1CT	1.20	0.60	35	0.90	1500
ST-81211	1CT:1.15CT & 1CT:1.15CT	1.20	0.60	35	0.80	1500
ST-81212	1CT:1CT & 1CT:2CT	1.20	0.60	35	0.90	1500
ST-81213	1CT:1.15CT & 1CT:1CT	1.20	0.60	35	0.90	1500
ST-81214	1CT:1.36CT & 1CT:1.36CT	1.20	0.60	30	0.80	1500
ST-81215	1CT:1.41CT & 1CT:1.41CT	1.20	0.60	30	0.70	1500
ST-81216	1CT:2.3CT & 1CT:2CT	1.20	0.60	25	0.60	1500
ST-81217	1CT:2.42CT & 1CT:2.42CT	1.20	0.60	25	0.60	1500
ST-81218	1CT:1CT & 1CT:1.36CT	1.20	0.60	35	0.90	1500
ST-81219	1CT:2.4CT & 1CT:1CT	1.20	0.60	35	0.90	1500

Mechanical

Schematics



Dimensions: $\frac{\text{Inches}}{\text{mm}}$
 Unless otherwise specified, all tolerances are $\pm \frac{.010}{0.25}$