

T1/E1/CEPT/ISDN-PRI TRANSFORMERS

FEATURES

- Dual surface mount package contains both transmit and receive transformers
- 3 KV reinforced insulation barrier approved to EN60950, CS950, UL1950, and Austel AS3260

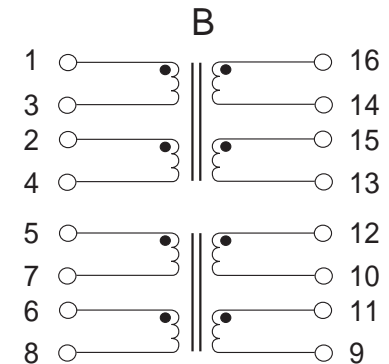
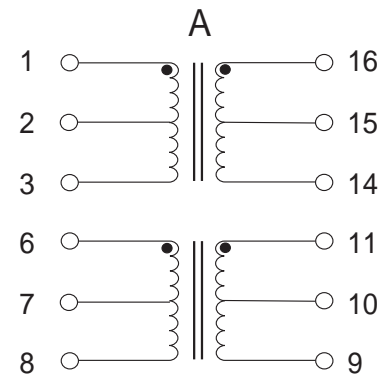
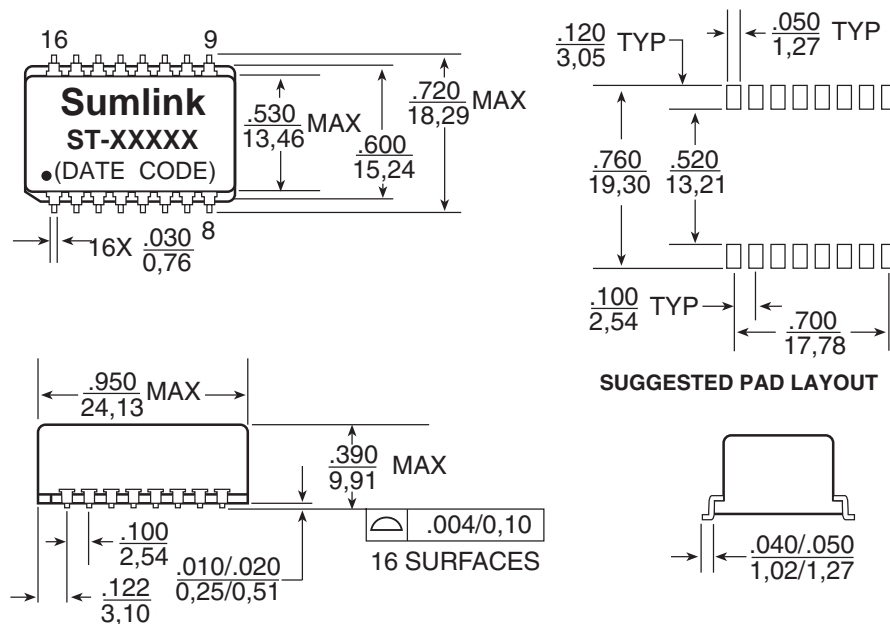


Electrical Specifications @ 25°C — Operating Temperature 0°C to 70°C

Part Number	Turns Ratio (Pri:Sec ±2%)	OCL@25°C (mH MIN)	C _{ww} (pF MAX)	DCR Pri (Ω MAX)	DCR Sec (Ω MAX)	Schematic	Primary Pins
ST-81030	1CT:1CT & 1CT:1CT	1.20 & 1.20	15 & 15	1.00 & 1.00	1.00 & 1.00	A	1-3, 6-8
ST-81031	1CT:1CT & 1CT:2CT	1.20 & 1.20	15 & 15	1.00 & 1.00	1.00 & 1.70	A	1-3, 6-8
ST-81032	1CT:1.15CT & 1CT:1CT	1.60 & 1.60	15 & 15	1.10 & 1.00	1.10 & 0.90	A	16-14, 6-8
ST-81033	1CT:1.15CT & 1CT:1.15CT	1.20 & 1.20	15 & 15	1.00 & 1.00	1.15 & 1.15	A	1-3, 6-8
ST-81034	1CT:1.15CT & 1CT:2CT	1.50 & 1.20	15 & 15	1.10 & 1.00	1.20 & 1.70	A	16-14, 6-8
ST-81035	1CS:1CS & 1CS:1.36CS	1.20 & 1.20	15 & 15	1.00 & 1.00	1.00 & 1.20	B	1-4, 5-8
ST-81036	1CT:1.36CT & 1CT:1.36CT	1.20 & 1.20	15 & 15	1.00 & 1.00	1.20 & 1.20	A	1-3, 6-8
ST-81037	1CT:1.41CT & 1CT:1.41CT	1.20 & 1.20	15 & 15	1.10 & 1.10	1.35 & 1.35	A	16-14, 11-9
ST-81038	1CT:1CT & 1CT:1.36CT	1.20 & 1.20	15 & 15	1.00 & 1.00	0.90 & 1.20	A	1-3, 6-8
ST-81039	1CT:2CT & 1CT:1.08CT	1.20 & 1.20	15 & 15	1.00 & 1.10	1.70 & 1.25	A	16-14, 6-8
ST-81043	1CT:2CT & 1CT:1.14CT	1.20 & 1.20	15 & 15	1.00 & 1.25	1.70 & 1.35	A	16-14, 6-8
ST-81044	1CT:2CT & 1CT:1.36CT	1.20 & 1.20	15 & 15	1.00 & 1.00	1.65 & 1.15	A	16-14, 6-8
ST-81045	1CT:2CT & 1CT:2CT	1.20 & 1.20	15 & 15	1.00 & 1.00	1.70 & 1.70	A	16-14, 6-8
ST-81047	1CT:2.3CT & 1CT:2CT	1.20 & 1.20	15 & 15	1.00 & 1.10	2.00 & 1.80	A	16-14, 6-8
ST-81049	1CT:1/1.26 & 1CT:2CT	1.50 & 1.20	15 & 15	1.00 & 1.00	1.30 & 1.65	A	16-14, 6-8
ST-81080	1CT:1.41CT & 1CT:1.41CT	1.20 & 1.20	15 & 15	1.10 & 1.10	1.35 & 1.35	A	1-3, 11-9
ST-81081	1CT:1CT & 1CT:1.5CT	1.20 & 1.20	15 & 15	1.00 & 1.10	1.10 & 1.55	A	1-3 6-8
ST-81082	1CT:2.42CT & 1CT:2.42CT	1.30 & 1.30	17 & 17	1.20 & 1.20	2.30 & 2.30	A	1-3, 6-8

Mechanical

Schematics



Dimensions: $\frac{\text{Inches}}{\text{mm}}$ Unless otherwise specified, all tolerances are $\pm \frac{.010}{0,26}$