

# T1/CEPT/ISDN-PRI TRANSFORMERS

## FEATURES

- Dual SMT package contains both transmit and receive transformers
- Isolation Voltage:1500 Vrms



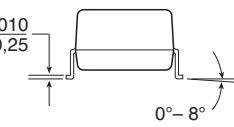
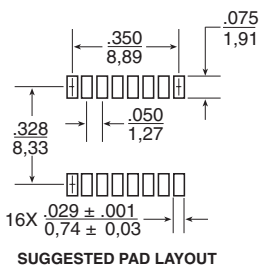
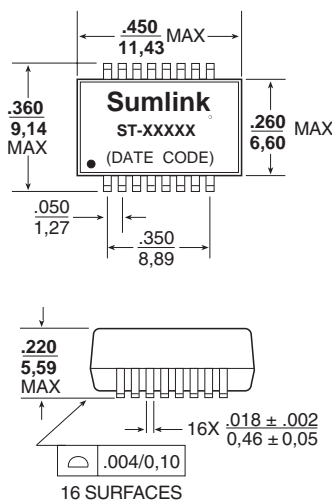
Electrical Specifications @ 25°C

Part Number (STD temp.)	Part Number (EXT temp.)	Turns Ratio (Pri:Sec ±5%)	OCL (mH MIN)	C <sub>w/w</sub> (pF MAX)	L <sub>i</sub> (μH MAX)	DCR Pri (Ω MAX)	Schematic	Primary Pins
ST-85861	ST-81090	1CT:2CT & 1CT:2CT	1.20 & 1.20	30 & 30	.60 & .60	0.70 & 0.70	A	16-14, 6-8
ST-85862	ST-81091	1CT:2CT & 1:1.36CT	1.20 & 1.20	30 & 30	.60 & .60	0.70 & 0.70	B	16-14, 6-8
ST-85865	ST-81076	1:1.15CT & 1CT:2CT	1.20 & 1.20	30 & 30	.60 & .60	0.70 & 0.70	C	16-14, 6-8
ST-85866	ST-81092	1:1/1.26 & 1CT:2CT	1.20 & 1.20	30 & 30	.60 & .60	0.70 & 0.70	C	16-14, 6-8
ST-85870	ST-81093	1CT:1.15CT & 1CT:1.15CT	1.20 & 1.20	30 & 30	.60 & .60	0.70 & 0.70	A	1-3, 6-8
ST-81022	ST-81077	1CT:1CT & 1CT:1.5CT	1.20 & 1.20	30 & 30	.80 & .80	0.70 & 0.70	A	16-14, 6-8
ST-88678	ST-81094	1CT:1CT & 1CT:2CT	1.20 & 1.20	30 & 30	.60 & .60	0.70 & 0.70	A	16-14, 6-8
ST-88786	ST-81095	1CT:1.41CT & 1CT:1.41CT	1.00 & 1.00	30 & 30	.60 & .60	0.70 & 0.70	A	16-14, 11-9
ST-81023	ST-81096	1CT:1.41CT & 1CT:1.41CT	1.00 & 1.00	30 & 30	.60 & .60	0.70 & 0.70	A	1-3, 11-9
—	ST-81144	1CT:1CT & 1CT:2.4CT	1.00 & 1.00	30 & 30	.80 & .80	0.85 & 0.85	A	9-11, 1-3
—	ST-81097	1CT:1CT & 1CT:1.67CT	1.00 & 1.00	25 & 25	.80 & .80	0.80 & 0.80	A	6-8, 14-16
ST-81136	—	1CT:1CT & 1CT:1.36CT	1.20 & 1.20	30 & 30	.60 & .60	0.70 & 0.70	A	6-8, 1-3
ST-81121	—	1CT:1.5CT & 1CT:1.5CT	1.50 & 1.50	40 & 40	.80 & .80	0.70 & 0.70	A	1-3, 6-8
ST-81122	—	1CT:2CT & 1CT:2.3CT	1.20 & 1.20	30 & 30	.80 & .80	0.90 & 0.90	A	6-8, 14-16
ST-81021	—	2CT:1/1.26 & 2CT:1/1.26	1.50 & 1.50	40 & 40	.50 & .50	0.70 & 0.70	A	1-3, 11-9
ST-81075	—	2CS:1.57/2 & 2CS:1.57/2	1.50 & 1.50	40 & 40	.50 & .50	0.70 & 0.70	D	1-2, 5-6
ST-81190	—	1CT:1CT & 1CT:1.36CT	1.20 & 1.20	30 & 30	.60 & .60	0.70 & 0.70	A	16-14, 6-8
ST-81137	ST-81287	1CT:2.42CT & 1CT:2.42CT	1.20 & 1.20	25 & 25	.60 & .60	0.70 & 0.70	A	1-3, 6-8
—	ST-81146	1:2/2.4 & 1:0.79/1	1.00 & 1.00	35 & 35	1.00 & 1.00	0.80 & 0.80	E	1-3, 6-8
ST-81286	—	1CT:2.4CT & 1CT:2.4CT	1.20 & 1.20	15 & 15	.30 & .30	0.30 & 0.30	A	1-3, 6-8
—	ST-81317	1:2CT & 1:2CS	1.20 & 1.20	35 & 35	.50 & 1.00	1.00 & 1.00	F	1-3, 11-9
—	ST-81189	1:1.36CT & 1:2CT	1.20 & 1.20	30 & 30	.60 & .60	1.00 & 1.00	G	16-14, 6-8
—	ST-81188	1CT:2CT & 1CT:2CT	1.20 & 1.20	30 & 30	.60 & .60	0.70 & 0.70	A	1-3, 6-8
—	ST-81187	1CT:2CT & 1:1	1.20 & 1.20	30 & 30	.60 & .60	0.70 & 0.70	H	1-3, 6-8
—	ST-81088	1CT:2CT & 1CT:2.42CT	1.20 & 1.20	35 & 35	.80 & .80	1.00 & 1.00	A	1-3, 6-8
—	ST-81089	1CT:1CT & 1CT:1CT	1.20 & 1.20	30 & 30	.80 & .80	0.70 & 0.70	A	1-3, 6-8
—	ST-81098	1CT:1:26CT & 1CT:1:26CT	1.20 & 1.20	30 & 30	.60 & .60	0.70 & 0.70	A	1-3, 6-8
—	ST-81099	1CT:1:0.8 & 1CT:1:0.8	1.20 & 1.20	30 & 30	.80 & .80	1.00 & 1.00	D	16-14, 11-9
—	ST-81186	1CT:1.58:2 & 1:1.65:2	1.20 & 1.20	30 & 30	.80 & .80	1.00 & 1.00	I	2-4, 6-7
—	ST-81467	1CT:1:1 & 1CT:1:1	1.20 & 1.20	30 & 30	.80 & .80	1.00 & 1.00	D	16-14, 11-9

NOTE: Standard (STD) operating temperature range is 0°C to 70°C. Extended (EXT) operating temperature range is -40°C to +85°C.

## Mechanical

## Schematics



Dimensions: Inches mm Unless otherwise specified, all tolerances are ± .010 / 0.25

