T1/CEPT/ISDN-PRI TRANSFORMERS

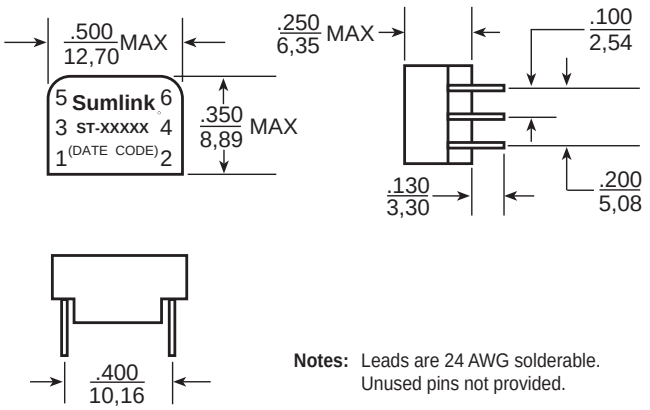
FEATURES

- Extended and standard temperature range
- single through hole models available
- Most models UL 1459 and BABT EN 60950 recognized
- Isolation Voltage: 1500 Vrms MIN

Electrical Specifications @ 25°C

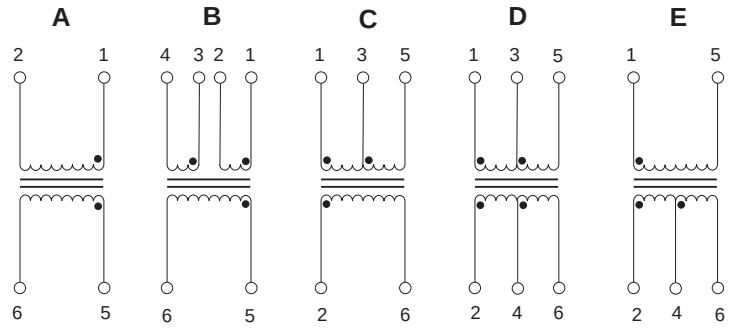
Part Number	Turns Ratio (Pri:Sec ±5%)	OCL @ 25°C (mH MIN)	$C_{w/w}$ (pF MAX)	L_L (µH MAX)	DCR Pri (Ω MAX)	DCR Sec (Ω MAX)	Schematic	Primary Pins
STANDARD TEMPERATURE RANGE SINGLE TRANSFORMERS – OPERATING TEMPERATURE 0°C TO +70°C								
ST-84931	1:1:1 (1:2CS)	1.20	25	0.50	0.70	0.70 & 0.70	B	1-2
ST-84933	1CT:3CT	1.20	30	0.50	0.70	1.60	D	1-5
ST-84934	1:1	1.20	25	0.50	0.70	0.70	A	1-2
ST-84936	1CT:1	1.20	25	0.80	0.70	0.70	C	1-5
ST-84937	1:1.36	1.20	35	0.80	0.70	0.80	A	5-6
ST-84940	1.26CS:1 (1:1:1.58)	0.30	30	0.60	0.80	0.60	B	1-4
ST-84941	1CS:1	0.80	30	0.60	0.80	0.60	B	1-4
ST-84942	1CS:1.31	0.80	30	0.40	0.80	0.60	B	1-4
ST-84943	1CT:2CT	1.20	30	0.30-0.55	0.70	1.20	D	1-5
ST-85351	1:2CT	1.20	40	0.50	0.70	1.30	C	2-6
ST-85363	1:4CT	0.50	40	1.00	0.50	1.50	E	1-5
ST-85379	1:1.14CT	1.20	35	0.80	0.70	0.80	E	1-5
ST-85388	1:1.15CT	1.50	35	0.60	0.70	0.90	C	2-6
ST-85389	1:1/1.26	1.50	40	0.40	0.70	0.90	C	2-6
ST-85415	1CT:2CT	1.20	30	0.50	0.70	1.20	D	1-5
ST-85558	1:2.3CT	1.20	35	0.80	0.70	1.40	E	1-5
ST-85586	1:1.36CT	1.20	35	0.80	0.70	0.90	E	1-5
ST-85755	1CT:1CT	1.20	25	0.80	0.80	0.80	D	1-5
ST-88644	1CT:1	0.70	20	0.70	0.20	0.80	C	1-5
ST-88645	1:1.36CT	0.70	20	0.70	0.50	0.40	E	1-5
ST-81054	1:1.5CT	1.20	30	0.60	0.70	1.00	C	2-6
ST-81229	1:1.583CT	1.20	60	0.80	0.70	1.00	C	2-6
ST-81249	1:1.26CT	1.20	60	0.80	0.90	1.00	D	2-6
EXTENDED TEMPERATURE RANGE SINGLE TRANSFORMERS 1 – OPERATING TEMPERATURE -40°C TO +85°C								
ST-85340	1:1.36	1.20	35	0.80	0.90	1.20	A	5-6
ST-85770	1:1.15CT	1.50	40	0.80	0.90	1.00	C	2-6
ST-85771	1CT:2CT	1.20	50	0.60	1.00	2.00	D	2-6
ST-85778	1CT:1CT	1.20	40	1.00	1.00	1.00	D	1-5
ST-88600	1CT:3CT	1.20	60	0.80	0.90	2.70	D	1-5
ST-88664	1:1/1.26	1.50	50	0.80	0.90	1.10	C	2-6

Mechanical



Notes: Leads are 24 AWG solderable.
Unused pins not provided.

Schematics



Dimensions: Inches / mm

Unless otherwise specified, all tolerances are ± .010 / 0,25