

ADSL LINE TRANSFORMER

FEATURES

- Matched to Texas Instruments TNETD4500C CO chipsets
- Excellent THD Performance



Electrical Specifications @ 25°C — Operating Temperature -40°C to 85°C

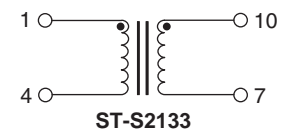
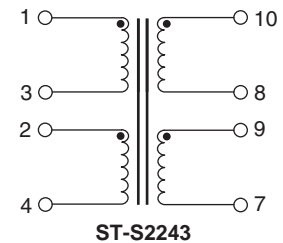
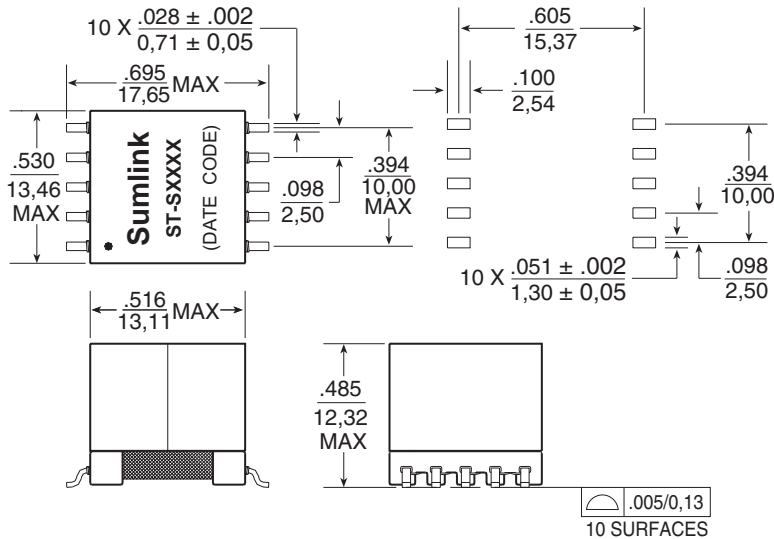
Part Number	Turns Ratio Ratio (Line:Chip)	OCL Primary ($\mu\text{H} \pm 6\%$)	Leakage Inductance ($\mu\text{H} \text{ MAX}$)	DCR Primary (1-3 & 2-4) ($\Omega \text{ MAX}$)	DCR Secondary (10-8 & 9-7) ($\Omega \text{ MAX}$)	Isolation Voltage (V_{rms})	THD @ 100kHz, 5.0 Vp-p (dB MIN)
ST-S2243 ¹	2 : 1	400	5.0	0.5	0.3	1500	-80
ST-S2133 ²	2 : 1	75	5.0	0.5	0.3	1500	-80

¹ ST-S2243 is designed for ADSL over POTS applications where THS6012/72 Line Drivers and Active termination is used.

² ST-S2133 is designed for ADSL over ISDN applications where THS6012/72 Line Drivers and Active termination is used.

Mechanical

Schematic



Dimensions: Inches
mm
Unless otherwise specified,
all tolerances are $\pm \frac{.010}{0,25}$