

ADSL LINE TRANSFORMERS

FEATURES

- Approved by ST Microelectronics for use with Centaure ST70136, ST70137 and ST70235 chipsets
- Excellent THD performance in a small footprint



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

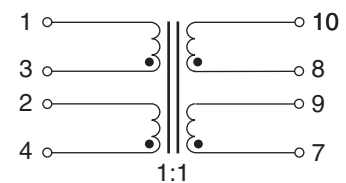
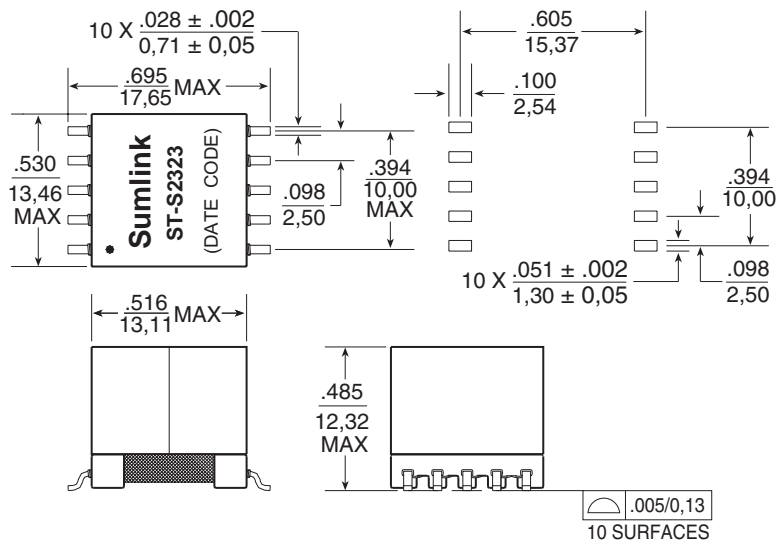
Part Number	Application	Mounting	Turns Ratio (± 2%)	OCL @ 10 KHz, 0.1 V (1-4) with (2-3) shorted	Leakage Inductance @ 100 kHz, 0.1 V (1-4) with (2-3, 7-10, 8-9), shorted
ST-S2323	CPE	SMT	1CS:1CS	480 μH (± 10%)	5.3 μH MAX

Additional Specifications

Part Number	DC Resistance		Isolation Voltage (Vrms)	Longitudinal Balance (dB MAX)	THD (dB MAX)
	(1-4)(w/2-3 shorted)	(10-7)(w/8-9 shorted)			
ST-S2323	2.0 Ω MAX	2.2 Ω MAX	1500	-55	-80

Mechanical

Schematics



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