ADSL

UM MODEL NO.:	SPECIFICATIONS	REV.	
UT20313S	EP13, SMD, Line Transformer Globespan CPE 4:2:1	A5	2005/20

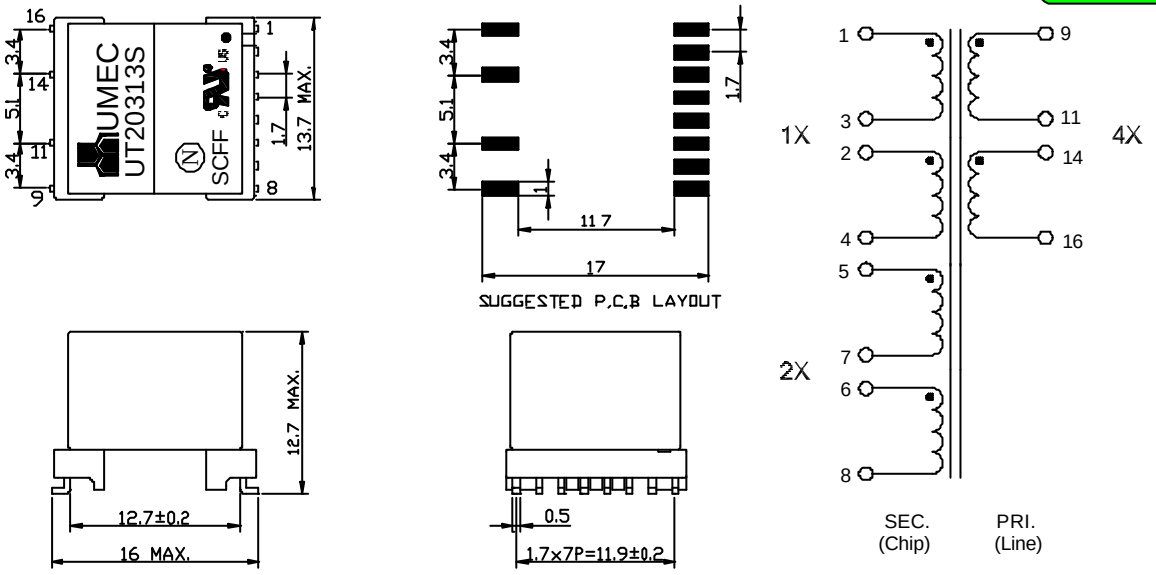
Electrical specification at 25°C:

1.)Turns Ratio and Polarity	: 4 : 1 ±3% , PIN(9-16):(1-4), tie(11-14)&(3-2) .
	: 2 : 1 ±3% , PIN(9-16):(5-8), tie(11-14)&(7-6) .
2.)D.C.R.	: 1.00Ω max. , PIN(9-16), tie(11-14) .
	: 0.30Ω max. , PIN(1-4), tie(3-2) .
	: 0.60Ω max. , PIN(5-8), tie(7-6) .
3.)Line side Inductance	: 700µH ±5% , at 10KHz 100mV, PIN(9-16), tie(11-14) .
4.)Leakage Inductance	: 15µH max. ,at 100KHz 100mV, PIN(9-16) ,tie(11-14)&(1 through 8) .
5.)HI-pot test	: 1500Vac 60s or 1875Vac 1s , Line side to Chip side .
6.)Operating Temperature	: -40 to +85 °C

Note: The SCFF series transformer meets the specifications for supplementary insulation per UL60950-1, CSA60950-1, IEC60950-1 with working voltage of 250V.

Schematic diagram & Dimension:

Green Product



NOTE : 1. Packaging Information: Tape and Reel according to Item NO."EP13(L16)" of data sheet 01-00
2. For RoHS compliant products:
a.) The UMEC ordering code: **TG-UT20313S**
b.) Date Code suffix to "G" (xxxxG).
c.) Solder : Sn/Ag/Cu .
3. Specifications are subject to change without prior notice.

UNIT : mm Tolerances : ±0.2mm

AGENCY APPROVALS			
UL60950-1	: FILE NO. E212730	**IEC60950-1**	: CB Rrf. #DK-8600
CSA 60950-1 (via C-UL)	: FILE NO. E212730	**Nordic, Japan, &Australia Deviations**	: CB Rrf. #DK-8600
Nemko (EN60950-1)	: Certificate NO. P05203908		

E10-033-C

UNIVERSAL MICROELECTRONICS CO.,LTD. 3,27TH RD.,TAICHUNG INDUSTRIAL PARK,
TEL:886-4-23590096 FAX:886-4-23590129 TAICHUNG,TAIWAN,R.O.C
http://www.umec-web.com Email:business@umec.com.tw