

# ADSL

UM MODEL NO.:	SPECIFICATIONS	REV.	
UT20325S-A	EP13, SMD, Line Transformer Globespan CPE 4:2:1	A1	2005/16

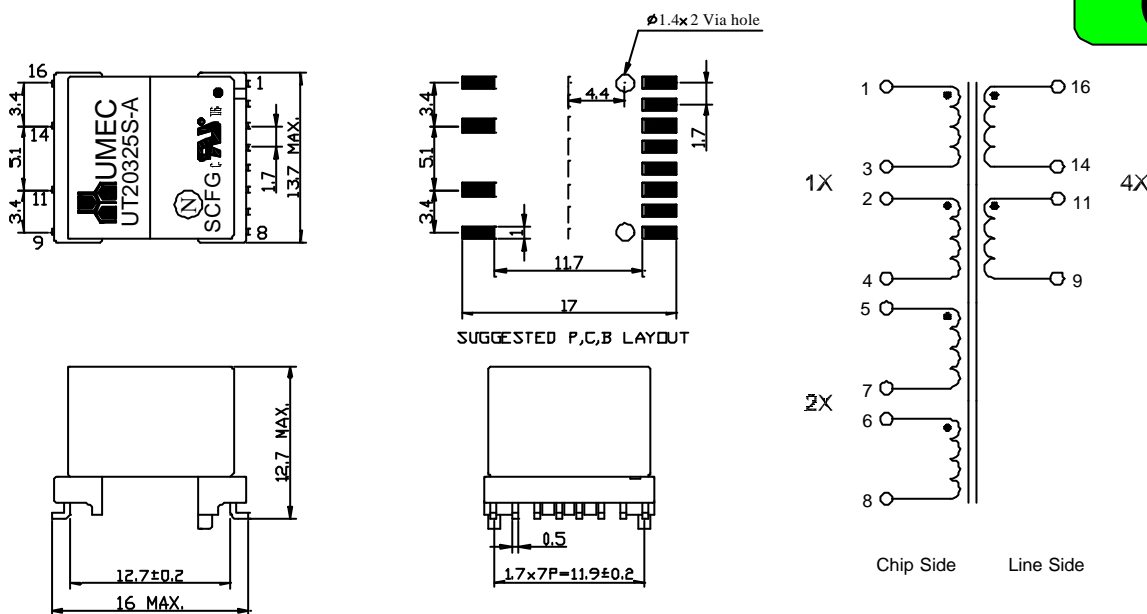
## Electrical specification at 25°C:

- 1.) Turns Ratio and Polarity : 4 : 1  $\pm 3\%$  , PIN(16-9):(1-4), tie(11-14)&(3-2).  
: 2 : 1  $\pm 3\%$  , PIN(16-9):(5-8), tie(11-14)&(7-6) .
- 2.) D.C.R. : 1.5 $\Omega$  max. , PIN(16-9), tie(11-14) .  
: 0.8 $\Omega$  max. , PIN(1-4), tie(3-2) .  
: 2.0 $\Omega$  max. , PIN(5-8), tie(7-6) .
- 3.) Line side Inductance : 700 $\mu$ H  $\pm 5\%$  , at 10KHz 100mV, PIN(16-9), tie(11-14) .
- 4.) Leakage Inductance : 5.0 $\mu$ H max. ,at 100KHz 100mV, PIN(16-9) ,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 SCFG 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-UT20325S-A**  
 b.) Date Code suffix to "G" (xxxxG).  
 c.) Solder : Sn/Ag/Cu .  
 3. Specifications are subject to change without prior notice.

UNIT : mm

Tolerances :  $\pm 0.2$ mm

## 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		



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E10-033-C