

HDSL

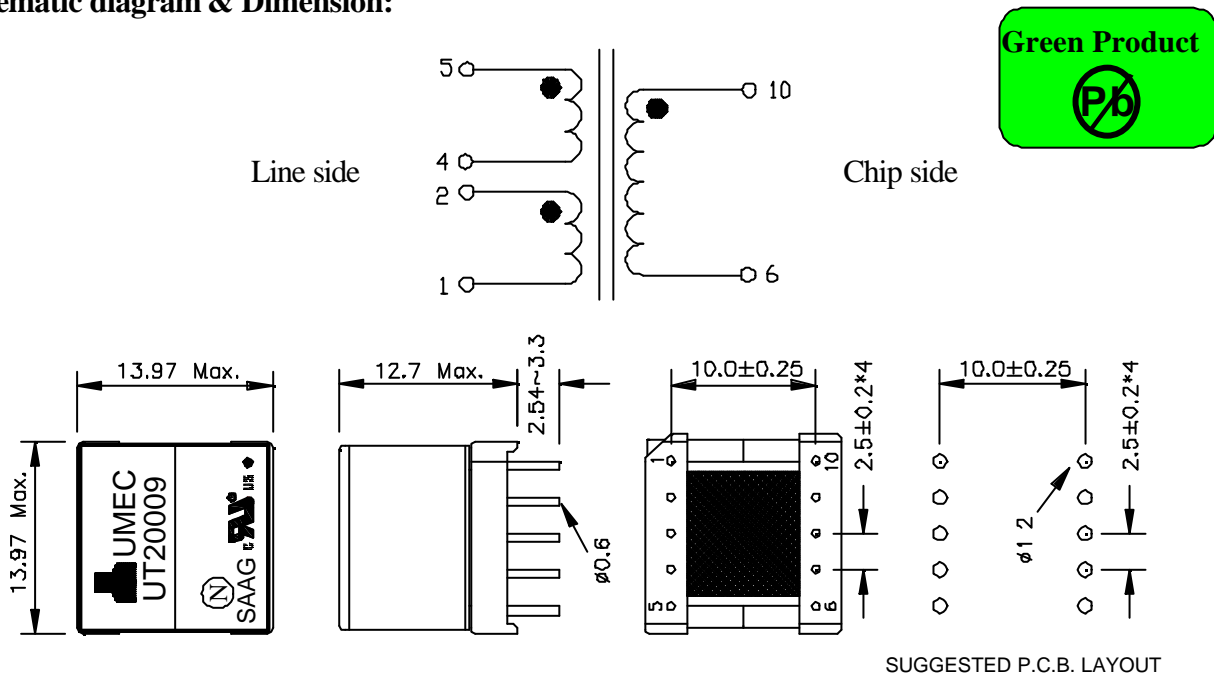
UM MODEL NO.:	SPECIFICATIONS	REV.	
UT20009	HDSL Transformer for Mthxx4x Transceiver range	A6	2005/53

Electrical specification at 25⁰C:

- 1.) Turns Ratio and Polarity : 2.33CS : $\pm 2\%$, PIN(5-1) : PIN(10-6) ; PIN(4-2) shorted.
- 2.) D.C.R : 1.4 Ω max. , PIN(1-2) & PIN(4-5).
0.64 Ω max. , PIN(10-6).
- 3.) Line side Inductance : 3.6mH $\pm 10\%$, at 10KHz 100mV, PIN(5-1) ; PIN(4-2) shorted.
- 4.) DC. Current : 50mA max .
- 5.) Interwinding Capacitance : 100pF max. , at 10KHz 100mV , PIN(5-1) : PIN(10-6) ; PIN(4-2) shorted.
- 6.) Leakage Inductance : 11uH max., at 100KHz 100mV, PIN(5-1) ; PIN(4-2)&PIN(10-6) shorted.
- 7.) Return Loss : 14dB max. , 40KHz ~ 200KHz .
- 8.) Insertion Loss : 0.3dB max. , at 40KHz .
- 9.) Total Harmonic Distortion : -60dB typ. , at 5KHz 1V .
- 10.) HI-pot test : 3000Vrms 2s , Line side to Chip side .

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

Schematic diagram & Dimension:



- NOTE : 1. For RoHS compliant products:
- a.) The UMEC ordering code: **TG-UT20009**
 - b.) Date Code suffix to "G" (xxxxG).
 - c.) Solder : Sn/ Cu .
2. Specifications are subject to change without prior notice.

UNIT : mm

Tolerances : ± 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		

E10-032-C



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