

G.SHDSL

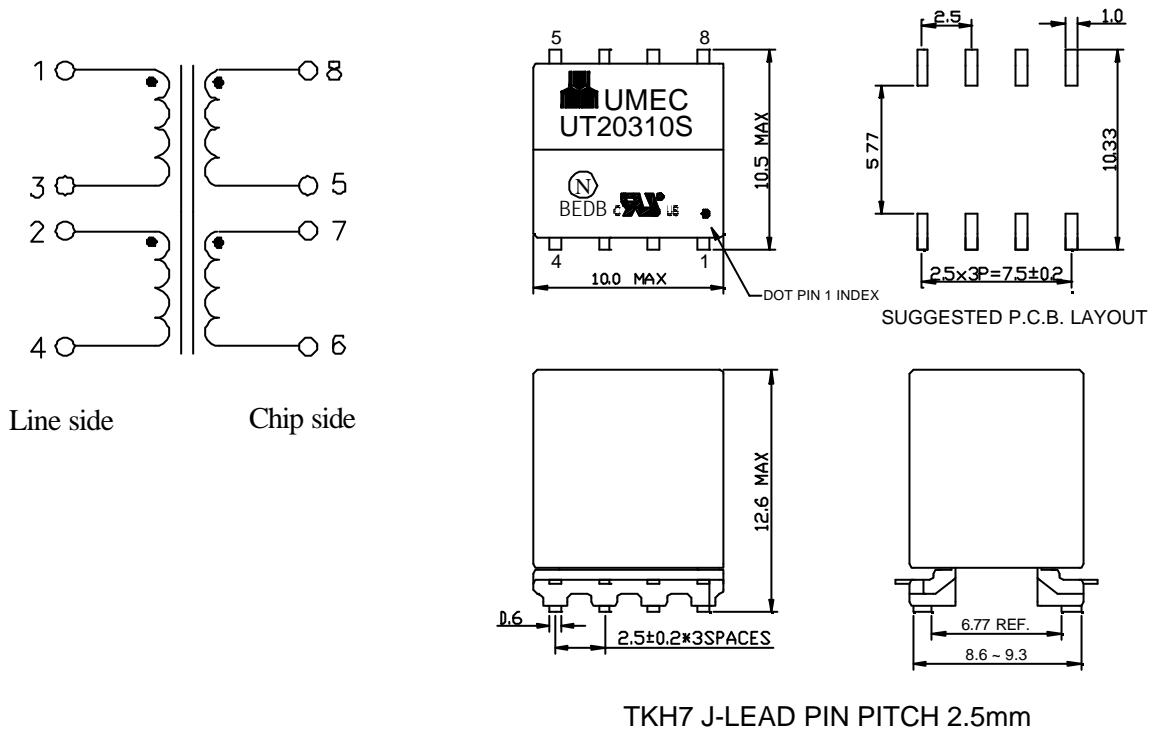
UM MODEL NO.:	SPECIFICATIONS	REV.	
UT20310S	G.SHDSL Transformer	B4	2005/18

Electrical specification at 25°C:

- 1.) Turns Ratio and Polarity : 0.7CS : 1CS $\pm 2\%$, Line side to Chip side.
- 2.) D.C.R. : 8.0 Ω max. , PIN(1-3-2-4) .
: 10.0 Ω max. , PIN(8-5-7-6) .
- 3.) Line side Inductance : 3.18 μ H $\pm 7\%$, at 10KHz 100mV, PIN(1-4); PIN(2-3) shorted.
- 4.) Leakage Inductance : 15 μ H max. , at 100KHz 100mV, PIN(1-4) ; PIN(2-3)&PIN(8-5-7-6) shorted.
- 5.) Insertion Loss : 1.5dB max. , at 100KHz , 0dBm .
- 6.) Longitudinal Balance : 45dB min. , 20KHz~500KHz .
- 7.) T.H.D. : -78dB max. , at 5KHz 2V .
- 8.) HI-pot test : 1500Vac 60s or 1875Vac 1s , Line side to Chip side .

Note: The BEDB series transformer meets the specifications for basic insulation per UL60950-1, CSA60950-1, EN60950-1, IEC60950-1 with working voltage of 250V.

Schematic diagram & Dimension:



NOTE: 1. Packaging Information-Tape And Reel According To Item No. "TKH7J" of Data Sheet 01-00
2. Patent Pending Core Type (USA and Foreign).

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. P05203901		



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E10-033-C