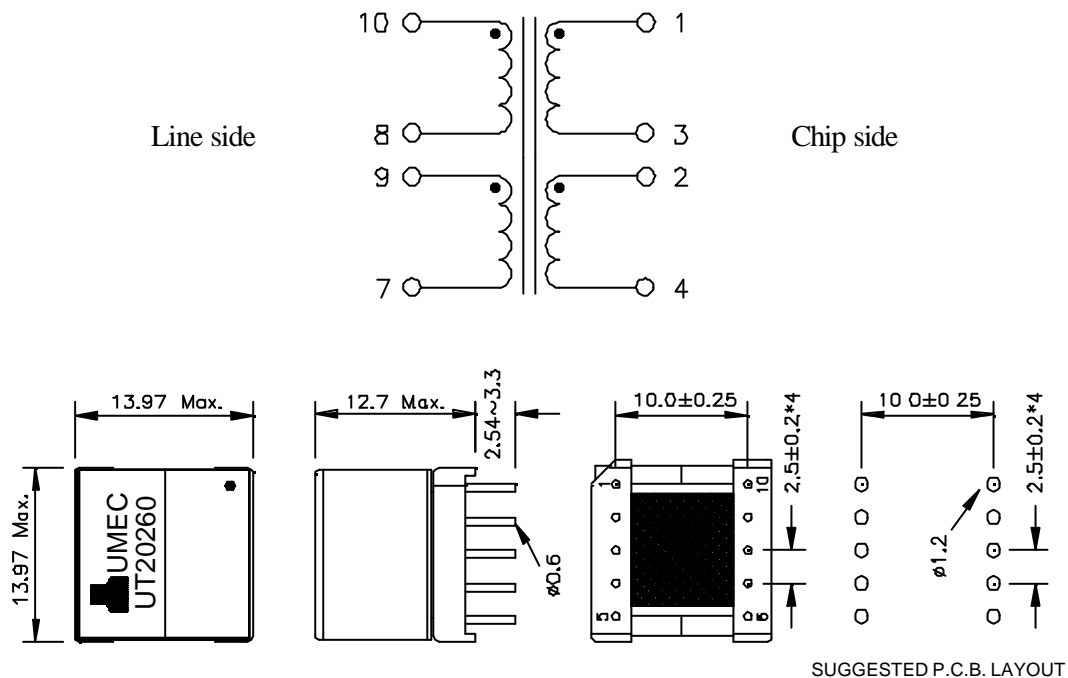


UM PART NO.:	SPECIFICATIONS	REV.	
UT20260	ADSL Transformer for ADI Eagle Analog Transmit, CPE, ADSL OVER POTS	A0	2002/08

Electrical specification at 25°C:

- 1.) Turns Ratio and Polarity : 3CS : 1CS $\pm 1\%$, Line side to Chip side.
- 2.) D.C.R. : 0.54 Ω $\pm 10\%$. , PIN(10-8) .
: 0.54 Ω $\pm 10\%$. , PIN(9-7) .
: 0.15 Ω $\pm 10\%$, PIN(1-3) .
: 0.22 Ω $\pm 10\%$, PIN(2-4) .
- 3.) Line side Inductance : 1.22mH $\pm 6\%$, at 10KHz 100mV, PIN(10-7); PIN(9-8) shorted.
- 4.) Leakage Inductance : 14.0uH max. , at 100KHz 100mV, PIN(1-4) ; PIN(3-2)&PIN(10-8-9-7) shorted.
- 5.) Interwinding Capacitance : 40pF max., 10KHz 100mV , PIN(10-8-9-7) to PIN(1-3-2-4)
- 6.) Longitudinal Balance : 45dB min. , 20KHz~1.1MHz .
- 7.) T.H.D. : -80dB max. , at 100KHz 5.3V .
- 8.) HI-pot test : 1500Vac 60s or 1875Vac 1s , Line side to Chip side .

Note: The transformer meets the specifications for supplementary insulation per IEC 950 with working voltage of 250V.

Schematic diagram & Dimension:


NOTE: Specifications are subject to change without prior notice.

UNIT : mm ; Tolerances : ± 0.2 mm

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E10-033-B