

ADSL

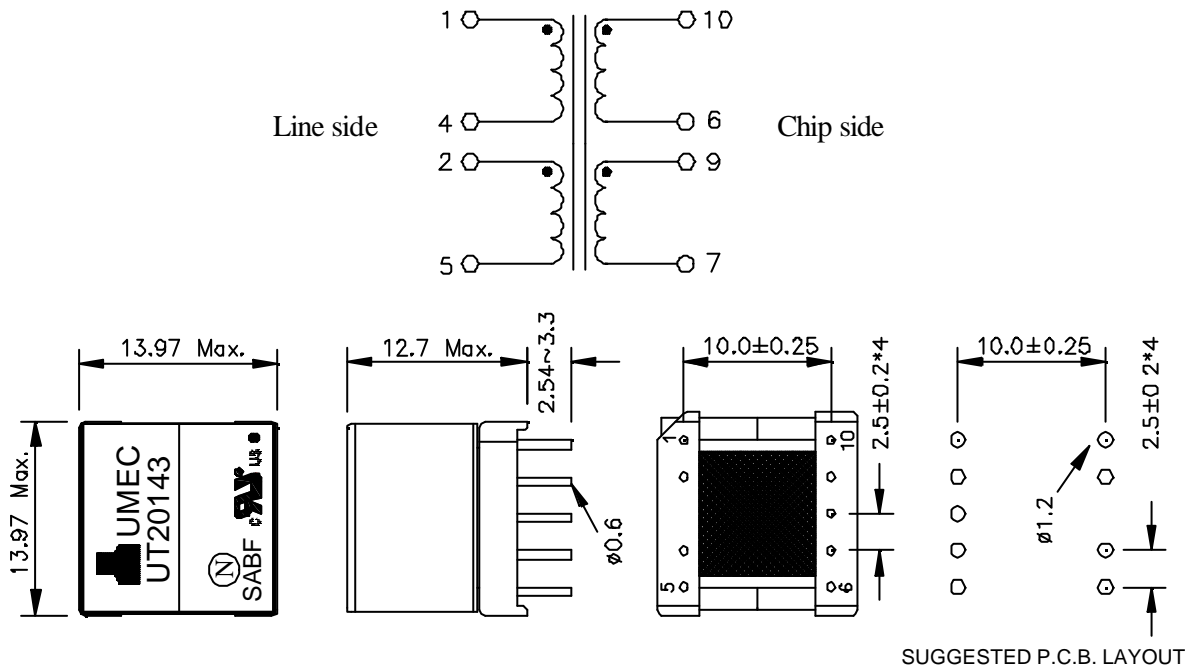
UM MODEL NO.:	SPECIFICATIONS	REV.	
UT20143	ADSL Transformer for Motorola's MC03AX1456CO Rev 1.3IC Chip	A5	2005/27

Electrical specification at 25°C:

- 1.) Turns Ratio and Polarity : 1.2CS : 1CS \pm 2% , Line side to Chip side.
- 2.) D.C.R. : 2.40 Ω \pm 10% , PIN(1-4) .
: 2.40 Ω \pm 10% , PIN(2-5) .
: 1.8 Ω \pm 10% , PIN(9-7) .
: 2.25 Ω \pm 10% , PIN(10-6) .
- 3.) Line side Inductance : 3.96mH \pm 5% , at 10KHz 100mV, PIN(1-5) ; PIN(2-4) shorted.
- 4.) Leakage Inductance : 18uH max. ,at 100KHz 100mV, PIN(1-5) ; PIN(2-4)&PIN(10-6-9-7) shorted.
- 5.) Interwinding Capacitance : 60pF max. ,at 10KHz 1V ,PIN(1-5) : PIN(10-7) ;PIN(4-2)&PIN(6-9) shorted.
- 6.) Longitudinal Balance : 40dB min. , 20KHz to 1.1MHz .
- 7.) HI-pot test : 1500Vac 60s or 1875Vac 1s , Line side to Chip side .
- 8.) Operating Temperature : -40 to +85 °C

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

Schematic diagram & Dimensions:



Note: Specifications are subject to change without prior notice.

UNIT : mm

Tolerances : \pm 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		



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E10-033-C