

VDSL

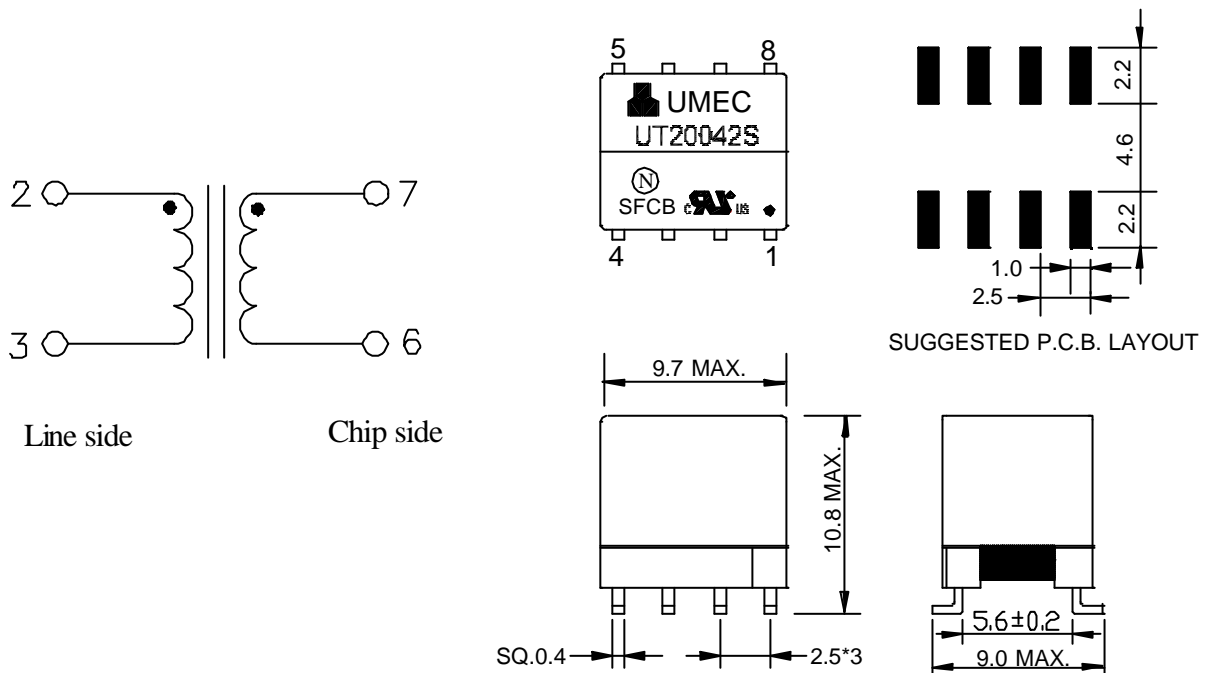
UM MODEL NO.:	SPECIFICATIONS	REV.	
UT20042S	VDSL Transformer for IKANOS chipset	B1	05/27

Electrical specification at 25⁰C:

- 1.) Turns Ratio and Polarity : 3.4 : 1±2% , Line Side to Chip Side .
- 2.) D.C.R : 1.0Ω max . , PIN(2-3) .
: 0.2Ω max . , PIN(7-6) .
- 3.) Line side Inductance : 50uH min. , at 10KHz 100mV, PIN(2-3) .
- 4.) Leakage Inductance : 1.0uH max. , at 100KHz 100mV , PIN(2-3) ; PIN(7-6) shorted .
- 5.) Interwinding Capacitance : 15.0pF typ. , at 100KHz 100mV , PIN(2-3) to PIN(7-6)
- 6.) Insertion Loss : 1.5dB max. , 100KHz~30MHz 0dBm .
- 7.) HI-pot test : 1500Vac 60s or 1875Vac 2s , Line side to Chip side .
- 8.) Operating Temperature and Storage Temperature : -40⁰C to +85⁰C

Note: The SFCB series transformer meets the specifications for supplementary 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. "EP7LA" Of Data Sheet 01-00
2.Specifications are subject to change without prior notice.

UNIT : mm

Tolerances : ±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. P05203901		



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E10-032-C