

# VDSL

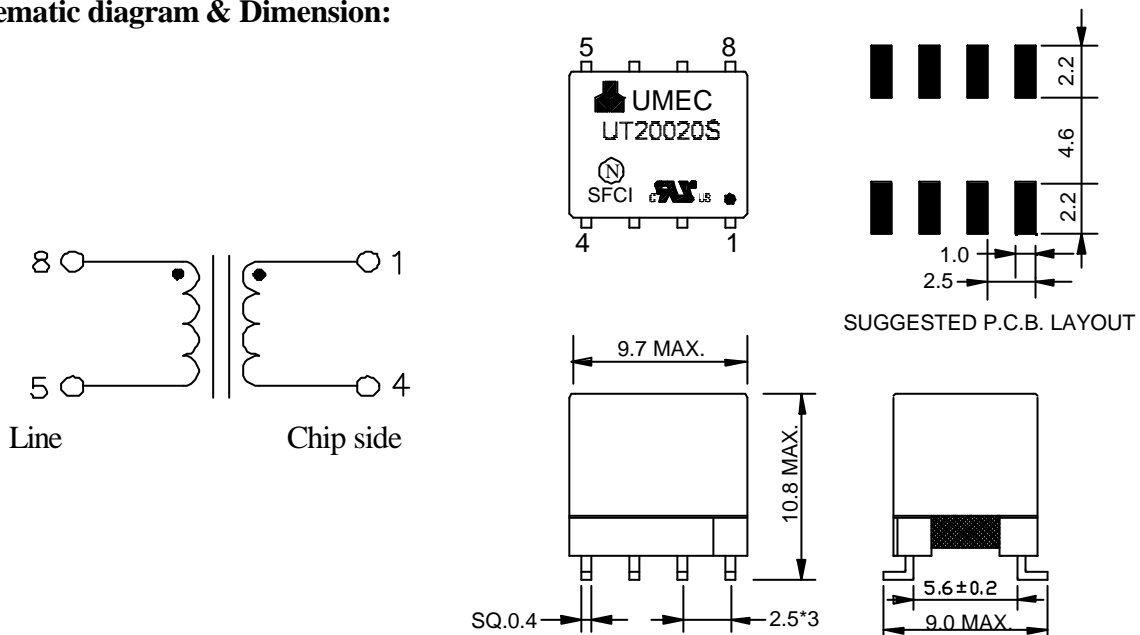
UM MODEL NO.:	SPECIFICATIONS	REV.	
UT20020S	VDSL Transformer	B4	05/26

### Electrical specification at 25<sup>0</sup>C:

- 1.) Turns Ratio and Polarity : 3 : 1±2% , Line Side to Chip Side .
- 2.) D.C.R : 1.0Ω max . , PIN(8-5) .  
: 0.2Ω max . , PIN(1-4) .
- 3.) Line side Inductance : 200uH±10% , at 10KHz 100mV, PIN(8-5) .
- 4.) Magnetizing Resistance : 5KΩ min. , at 100KHz 100mV , PIN(8-5)
- 5.) Leakage Inductance : 1.0uH max. , at 80KHz 100mV , PIN(8-5) ; PIN(1-4) shorted .
- 6.) Interwinding Capacitance : 40pF max. , at 80KHz 100mV , PIN(1-4) to PIN(8-5)
- 7.) Insertion Loss : 0.5dB max. at 1MHz , 0dBm.
- 8.) T.H.D : -75dB max. , at 80KHz 2.5V.
- 9.) HI-pot test : 1500Vac 60s or 1875Vac 2s , Line side to Chip side .

**Note: The SFCI 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