

VDSL

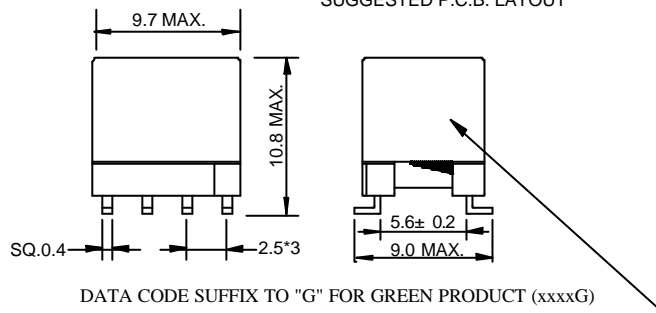
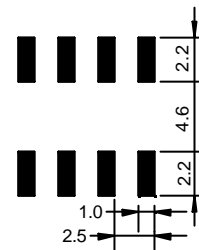
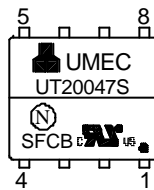
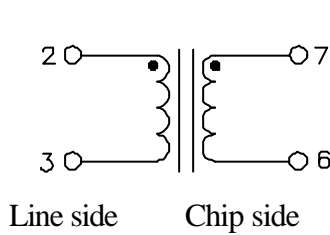
UM MODEL NO.:	SPECIFICATIONS	REV.	
UT20047S	VDSL Transformer	A0	05/34

Electrical specification at 25⁰C:

- 1.) Turns Ratio and Polarity : 3 : 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 : 440uH typ , at 100KHz 100mV , PIN(2-3) .
- 4.) Magnetizing Resistance : 5KΩ min . , at 100KHz 100mV , PIN(2-3)
- 5.) Leakage Inductance : 1.0uH max . , at 80KHz 100mV , PIN(2-3) ; PIN(7-6) shorted .
- 6.) Interwinding Capacitance : 40pF max . , at 80KHz 100mV , PIN(2-3) to PIN(7-6)
- 7.) Insertion Loss : 1.5dB max . , @ 80KHz~12.5MHz .
- 8.) Longitudinal Balance : 50.0dB min . , @ 1.1MHz. (North Hill method)
- 9.) HI-pot test : 1500Vac 60s or 1875Vac 2s , Line side to Chip side .

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. For RoHS compliant products:
 a.) The UMEC ordering code: **TG-UT20047S**
 b.) Date Code suffix to "G" (xxxxG).
 c.) Solder : Sn/Ag/Cu .
 3. 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		

