

ADSL

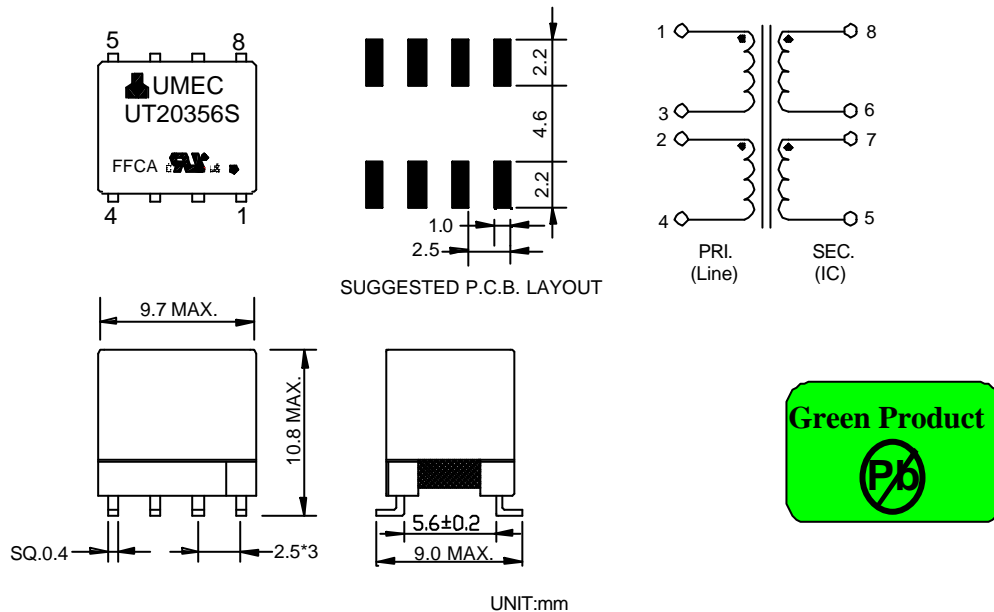
UM MODEL NO.:	SPECIFICATIONS	REV.	
UT20356S	1.39:1 TR,100μH EP7LA Line Interface Transformer	A2	2006/43

Electrical specification at 25°C:

- 1.) Turns Ratio and Polarity : 1.39 : 1.0 ±2% ,PIN(1-4):PIN(8-6) ; PIN(2-3) & PIN(7-5) connected .
- 2.) D.C.R. : 0.440Ω max. , PIN(1-3),(2-4) .
: 0.495Ω max. , PIN(8-5),(7-6) .
- 3.) Inductance : 100μH ±5% , at 10KHz 100mV, PIN(1-4) ; PIN(2-3) connected.
: 100μH ±6% , at 10KHz 100mV 120mA, PIN(1-4) ; PIN(2-3) connected.
- 4.) Leakage Inductance : 8.5μH max. ,at 100KHz 100mV,PIN(1-4) ; PIN(2-3)&PIN(5-6-7-8) connected.
- 5.) T.H.D. : -80dB max. , at 30KHz 3.15Vrms . Line : IC (100Ω:51.8Ω)
- 6.) HI-pot test : 1500Vac 0.5mA 60s or 1875Vac 0.5mA 1s, PIN(1-2-3-4) to PIN(5-6-7-8) .
: 500Vac 1s, PIN1 to PIN2 .
- 7.) Longitudinal Balance : 46dB min. at 1.1MHz .
- 8.) Operating Temperature: -40°C~+85°C

Note: The FFCA series transformer meets the specifications for functional insulation per UL60950-1, CSA60950-1, 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-UT20356S**
 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



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E10-033-C