

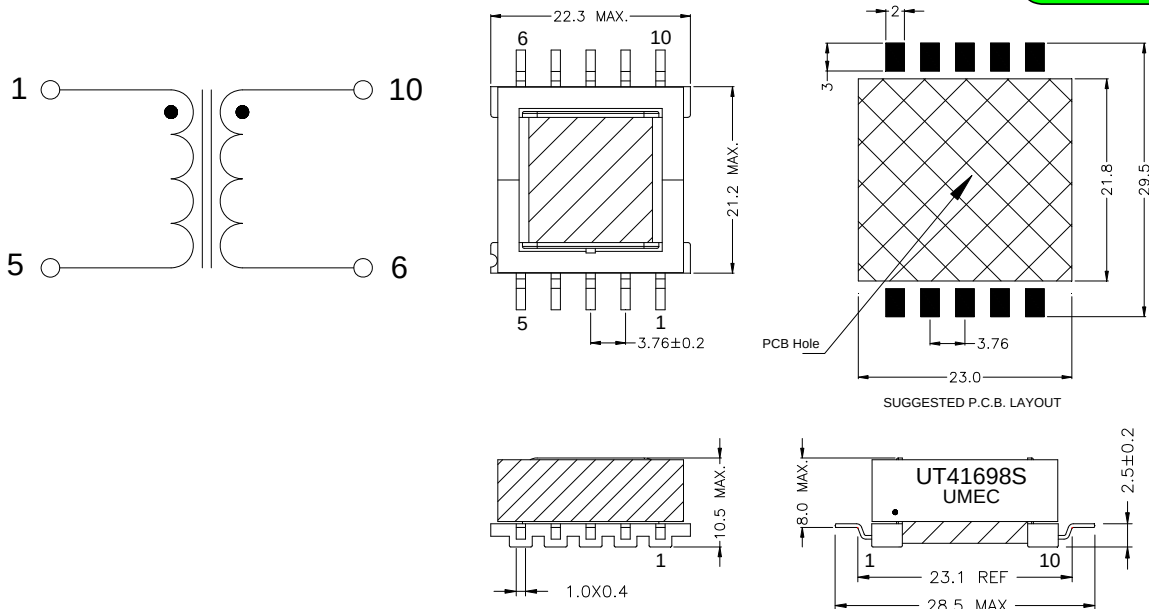
DATA SHEET

UM MODEL NO.:	SPECIFICATIONS	REV.	
UT41698S	150:150Ω AUDIO TRANSFORMER	B2	2011/36

Electrical specification at 25°C:

- 1.) Turns Ratio and Polarity : 1 : 1 ± 3% , PIN(1-5):(10-6) .
- 2.) Inductance : 150.0mH min. , PIN(1-5), 10KHz, 100mV .
- 3.) D.C.R. : 14.0Ω max. , PIN(1-5) .
: 20.0Ω max. , PIN(10-6) .
- 4.) Insertion Loss : 1.5dB max., 200Hz to 500Hz, PIN(1-5) to PIN(10-6)
: 1.2dB max., 500Hz to 1KHz, PIN(1-5) to PIN(10-6)
: 1.0dB max., 1KHz to 10KHz, PIN(1-5) to PIN(10-6)
- 5.) Return Loss : 8.0dB min., 200Hz to 500Hz, PIN(1-5) to PIN(10-6)
: 14.0dB min., 500Hz to 1KHz, PIN(1-5) to PIN(10-6)
: 18.0dB min., 1KHz to 10KHz, PIN(1-5) to PIN(10-6)
- 6.) HI-pot test : 1500Vac 0.5mA 2s , PIN(1-5) to PIN(10-6) .
- 7.) Operating Temperature : -40 to +85°C
- 8.) Storage Temperature : -55 to +85°C

Schematic diagram & Dimension:



NOTE : 1. For RoHS compliant products:

- a.) The UMEC ordering code: **TG-UT41698S**
 - b.) Date Code suffix to "G" (xxxxG).
 - c.) Solder : Sn/Ag/Cu .
2. Specifications are subject to change without prior notice

UNIT : mm

Tolerances : ±0.2mm

E10-007-C



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