

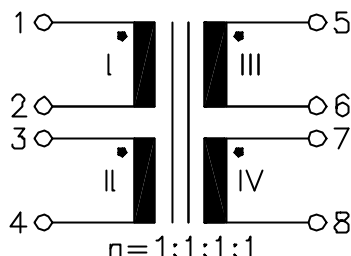
ISDN

UM MODEL NO.:	SPECIFICATION	REV.	
UT21434A-TS	U _{PO} -Interface Transformer	A3	06/06

Characteristic data:

f=192KHz
 RI+RII ≈ 2.0Ω
 RIII+RIV ≈ 2.1Ω
 I_{dc}=75mA
 T_{u(amb)}≤70°C

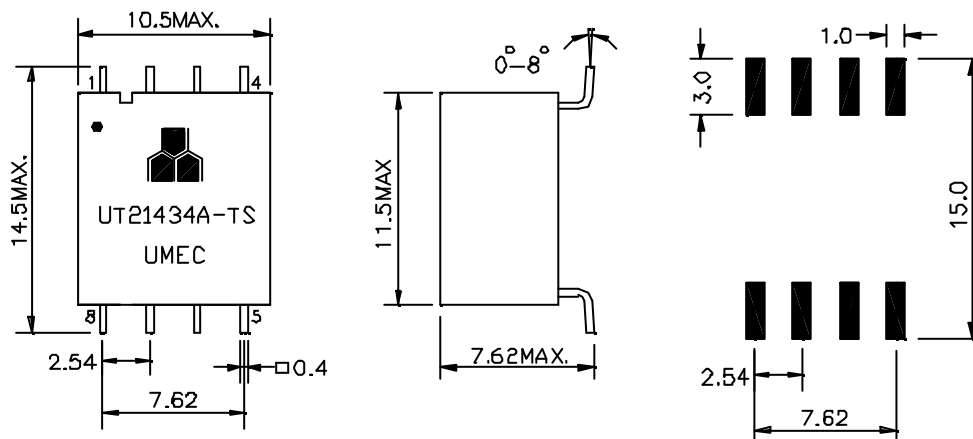
Schematic diagram:



Electrical Specification at 25°C:

- 1.) L_{III+IV}≥1.7mH,(N_{III+IV} series), at 10KHz 100mV with I_{dc}=75mA
- 2.) Polarity and turns ratio tolerance±2%
- 3.) C_k≤180pF,(NI || NII to NIII || NIV), at 10KHz 100mV
- 4.) L_SIII+IV≤10.0uH,(N_{III+IV} series, NI+II shorted), at 100KHz 100mV
- 5.) HI-POT test:
 U_p=1.5KVrms,2s(NI+NII to NIII+NIV)
 U_p=0.5KVrms,2s(NI to NII, NIII to NIV)

Dimension:



Coplanarity: 0.1mm



- NOTE: 1. Packaging Information: Tape and Reel according to Item NO. "K10S" OF DATA SHEET 01-00
 2. For RoHS compliant products:
 a.) The UMEC ordering code: **TG-UT21434A-TS**
 b.) Date Code suffix to "G" (xxxxG)
 c.) Solde : Sn/Ag/Cu
 3. Specifications are subject to change without prior notice

UNIT: mm

Tolerances±0.2mm



UNIVERSAL MICROELECTRONICS CO.,LTD.
 TEL:886-4-23590096 FAX:886-4-23590129
 http://www.umec-web.com Email:business@umec.com.tw

3,27TH RD.,TAICHUNG INDUSTRIAL PARK,
 TAICHUNG,TAIWAN,R.O.C

E10-013-C