# *ISDN*

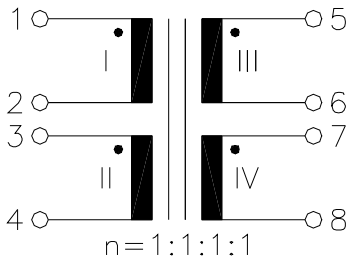
| UM MODEL NO.: | SPECIFICATION | REV. | |
|---|---|---|---|
| UT28438-TS | $S_{2M}$-Interface Transformer | A1 | 05/51 |

Characteristic data:

f=50KHz...3.1MHz
RI=RII ≈ 0.33Ω
RIII=RIV ≈ 0.21Ω
Tu(amb)≤60$^0$C

*The transformer meets the specifications for supplementary insulation per IEC 950 with working voltage of 250V

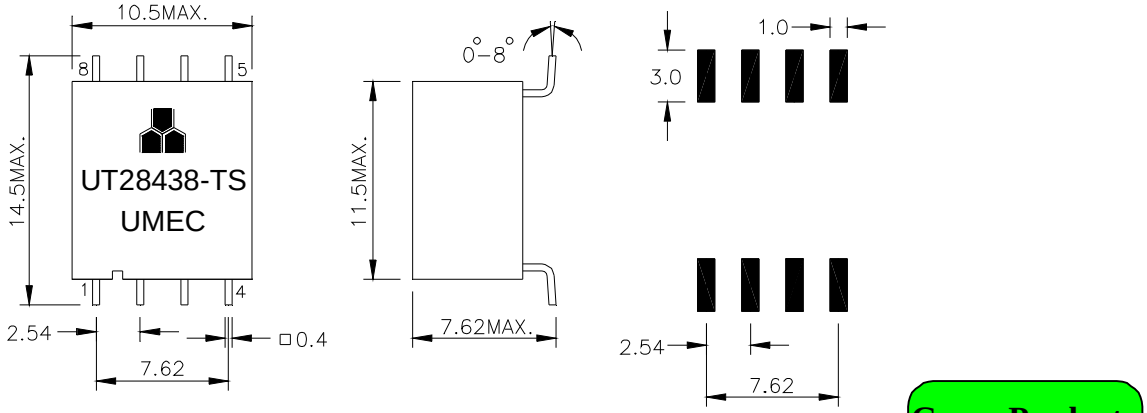
Schematic diagram:




Electrical Specification at 25$^0$C:

1.) LIII+IV≥2mH,(NIII+IV series), at 10KHz 100mV
2.) LIII+IV≥1.2mH,(NIII+IV series), at 10KHz 100mV with Idc=3mA
3.) Polarity and turns ratio tolerance:±2%
4.) Ck≤15pF,( NI ‖ NII to NIII ‖ NIV), at 10KHz 100mV
5.) $L_S$III+IV≤1.0uH,(NIII+IV series, NI+II shorted), at 100KHz 100mV
6.) HI-POT test:
Up=3.0KVrms,2s(NI+NII to NIII+NIV)
Up=0.5KVrms,2s(NI to NII, NIII to NIV)

Dimension:




**Green Product**

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-UT28438-TS**
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

E10-013-C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