ISDN

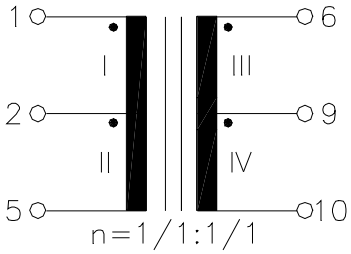
UM MODEL NO.:	SPECIFICATION	REV.	
UT28151-TS	S_O-Interface Transformer	B3	06/34

Characteristic data:

f=96KHz
RI+RII ≈ 1.9Ω
RIII+RIV ≈ 3.3Ω
ΔIdc=4mA
Tu(amb)≤60^{0}C
Operating Temperature: -40 to +85 degree C

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

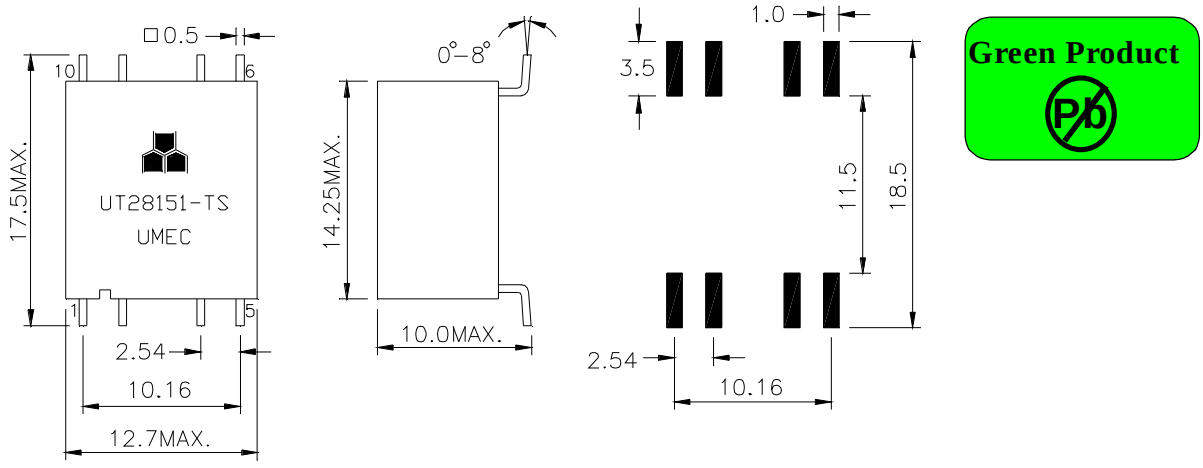
Schematic diagram:



Electrical Specification at 25^{0}C:

1.)LIII+IV≥30mH,(NIII+IV series), at 10KHz 100mV
2.)Polarity and turns ratio tolerance: ±1%
3.)Ck≤15pF,(NI+NII to NIII+NIV), at 10KHz 100mV
4.)Ls III+IV≤15.0uH,(NIII+NIV series, NI+NII shorted), at 100KHz 100mV
5.)ZIII=ZIV≥625Ω, at 20KHz 100mV with ΔIdc=4mA
6.)HI-pot test:
Up=3.0KVrms,2s(NI+NII to NIII+NIV)

Dimension:



NOTE: 1. Packaging Information: Tape and Reel according to Item NO."K20S" OF DATA SHEET 01-00
2. For RoHS compliant products:
a.) The UMEC ordering code: **TG-UT28151-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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