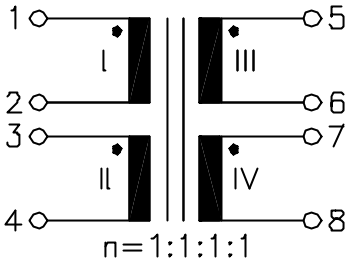
TELECOMMUNICATIONS

UM PART NO.:	SPECIFICATION	REV.	
UT28438-TS	S_{2M}-Interface Transformer	A0	00/15

Characteristic data:

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

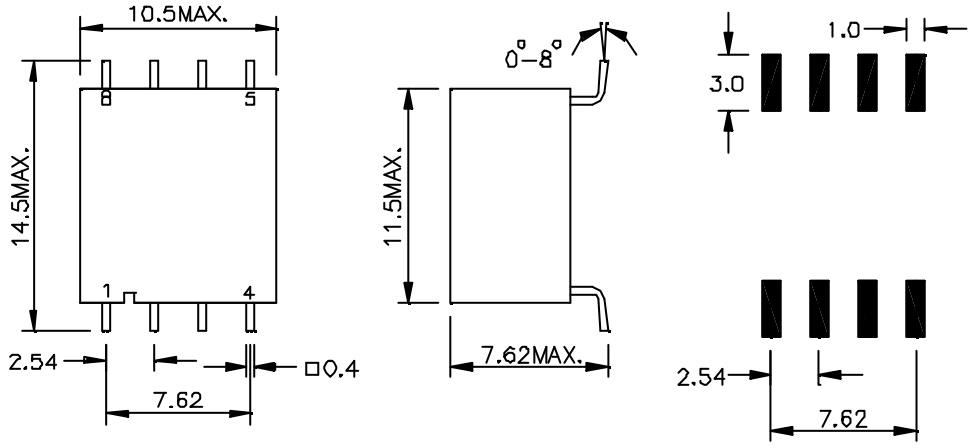
Schematic diagram:



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 o NII to NIII o NIV), at 10KHz 100mV
5.) L_SIII+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:



NOTE: PACKAGING INFORMATION-TAPE AND REEL
ACCORDING TO ITEM NO. "K10S" OF DATA SHEET 01-00

UNIT: mm Tolerances±0.2mm

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