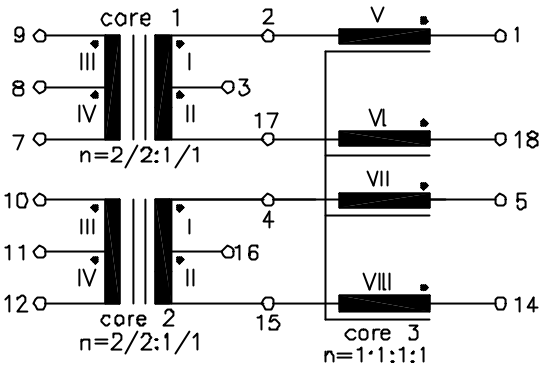
ISDN

UM MODEL NO.:	SPECIFICATION	REV.	
UT21624-TS	S_O-Interface Module	A3	06/37

Characteristic data:

f=96KHz
Cw I+II ≈ 200pF
RI=RII ≈ 0.55Ω
RIII=RIV ≈ 1.6Ω
RV ~ VIII ≈ 1.1Ω
ΔIdc=5mA
Tu(amb)≤60^{0}C

Schematic diagram:

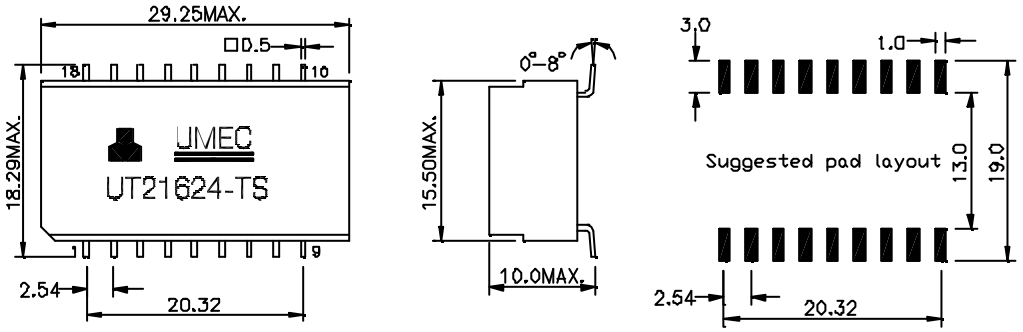


Electrical Specification at 25^{0}C:

1.)LI+II≥30mH,(NI+II series), at 10KHz 100mV(core 1,2)
2.)Polarity and turns ratio tolerance±1%(core 1,2,3)
3.)Ck≤150pF,(NIII+IV to NI+V ‖ NII+VI, or NI+VII ‖ NII+VIII), at 10KHz 100mV(core 1,2)
4.)Ls I+II≤5.0uH,(NI+II series, NIII+IV shorted), at 100KHz 100mV(core 1,2)
5.)Ls V≤0.6uH,(NVI, VII, VIII shorted), at 100KHz 100mV(core 3)
6.)LV=LVI=LVII=LVIII=5.0mH +50%/-30%, at 10KHz 100mV(core 3)
7.)ZI=ZII≥625Ω, at 20KHz 100mV with ΔIdc=5mA(core 1,2)
8.)HI-pot test:
Up=2.0KVrms,2s [NI/II(core 1+core 2) to NIII/IV(core 1+core 2)]
Up=0.5KVrms,2s [NV+VI(core 3)+NIII/IV (core 1) to (NVII+VIII(core 3)+NIII/IV (core 2)]

Dimension:

Green Product



Note: 1. Packaging information-tape and reel according to item no. "K40S" of data sheet 01-00
2. For RoHS compliant products:
a.) The UMEC ordering code: **TG-UT21624-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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