

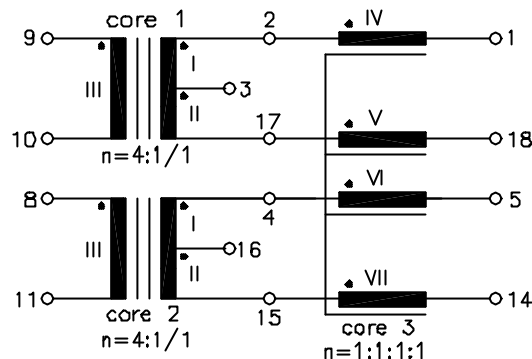
ISDN

UM MODEL NO.:	SPECIFICATION	REV.	
UT21615-TS	S _O -Interface Module	A2	06/37

Characteristic data:

$f=96\text{KHz}$
 $C_w \text{ I+II} \approx 100\text{pF}$
 $R_{\text{I}}=R_{\text{II}} \approx 0.42\Omega$
 $R_{\text{III}} \approx 2.5\Omega$
 $R_{\text{IV}} \sim \text{VII} \approx 1.1\Omega$
 $\Delta I_{\text{dc}}=3\text{mA}$
 $T_u(\text{amb}) \leq 60^{\circ}\text{C}$

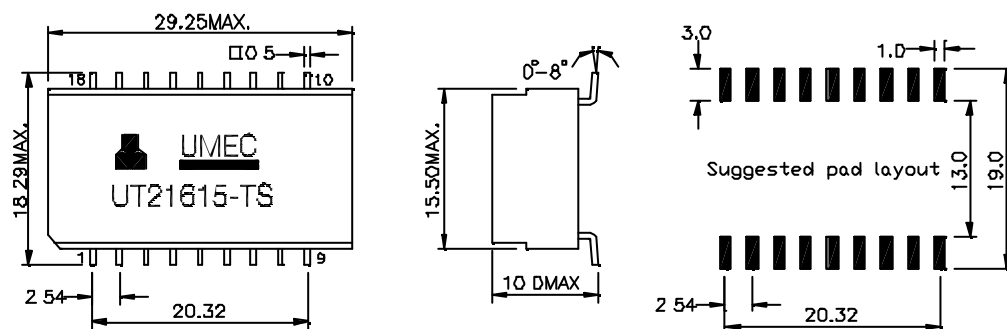
Schematic diagram:



Electrical Specification at 25⁰C:

- LI+II \geq 30mH,(NI+II series), at 10KHz 100mV(core 1,2)
- Polarity and turns ratio tolerance \pm 1%(core 1,2,3)
- Ck \leq 120pF,(NIII to NI+NIV || NII+V, or NI+VI || NII+VII), at 10KHz 100mV(core 1,2)
- Ls I+II \leq 3.0uH,(NI+II series, NIII shorted), at 100KHz 100mV(core 1,2)
- Ls IV \leq 0.6uH,(NV, VI, VII shorted), at 100KHz 100mV(core 3)
- LIV=LV=LVI=LVII=5.0mH +50%/-30%, at 10KHz 100mV(core 3)
- ZI=ZII \geq 625 Ω , at 20KHz 100mV with $\Delta I_{\text{dc}}=3\text{mA}$ (core 1,2)
- HI-pot test:
 $U_p=1.5\text{KVrms}, 2\text{s}$ [NI/II(core 1+core 2) to NIII(core 1+core 2)]
 $U_p=0.5\text{KVrms}, 2\text{s}$ [NIV+V(core 3)+NIII(core 1) to NVI+VII(core 3)+NIII(core 2)]

Dimension:



- Note: 1. Packaging information-tape and reel according to item no. "K40S" of data sheet 01-00
- For RoHS compliant products:
 - The UMEC ordering code: **TG-UT21615-TS**
 - Date Code suffix to "G" (xxxxG)
 - Solder: Sn/Ag/Cu
 - Specifications are subject to change without prior notice

UNIT: mm

Tolerances \pm 0.2mm



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