

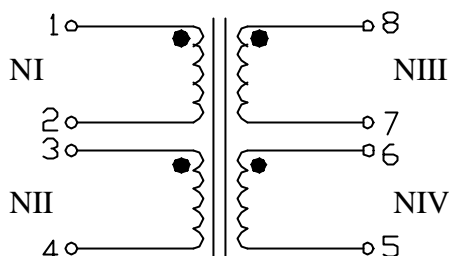
ISDN

UM MODEL NO.:	SPECIFICATION	REV.	
UT21931	U-Interface Transformer	A2	98/32

Characteristic data:

$f=40\text{KHz}$
 $R_I=R_{II}=3.1\Omega$ (max.)
 $R_{III}+R_{IV}=3.6\Omega$ (max.)
 $I_{dc}=50\text{mA}$ (max.)
 $T_u(\text{amb})\leq 60^{\circ}\text{C}$

Schematic diagram:



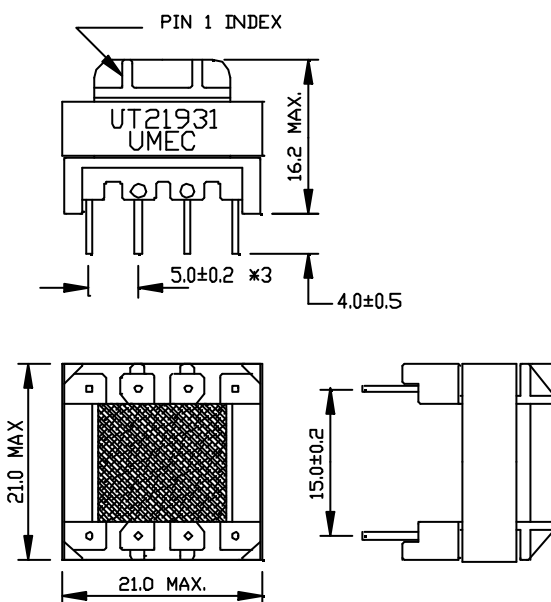
Turns Ratio : 1.65 : 1 (NI+NII: NIII+NIV)

Electrical Specification at 25°C:

- 1.) $L_I+L_{II}=15\text{mH}\sim 18\text{mH}$, at 10KHz 100mV.
- 2.) Polarity and turns ratio tolerance : $\pm 2\%$.
- 3.) $L_s I+L I \leq 100\mu\text{H}$ (N I +N II series , NIII+N IV shorted)
- 4.) $C_k \leq 100\text{pF}$, (NI || NII to NIII || NIV) , at 10KHz 100mV.
- 5.) Longitudinal Balance : 55dB min. , 281Hz to 40KHz.
- 6.) Linearita : 55dB min. at 1500Hz , $V_{in} = 5\text{V}_{pp}$, $f=500\text{Hz}$.
- 7.) Return Loss : 20dB min. , 10KHz to 25KHz.
- 8.) Hi-pot : 3000Vac , 2 sec. , Pri. to Sec.

Note: This transformer meets the specifications for supplementary insulation per IEC 950 with a working voltage of 275V.

Dimension:



NOTE: Specifications are subject to change without prior notice.

UNIT: mm

Tolerances: $\pm 0.2\text{mm}$

E10-013-C



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