

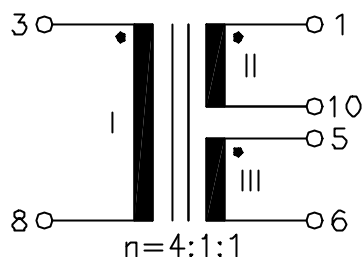
ISDN

UM MODEL NO.:	SPECIFICATION	REV.	
UT21521	S _O -Interface Transformer	A2	06/12

Characteristic data:

$f=96\text{KHz}$
 $C_{wII+III}=30\text{pF}$
 $R_I \approx 3.8\Omega$
 $R_{II}=R_{III} \approx 0.6\Omega$
 $\Delta I_{dc}=3\text{mA}$
 $T_u(\text{amb}) \leq 60^{\circ}\text{C}$

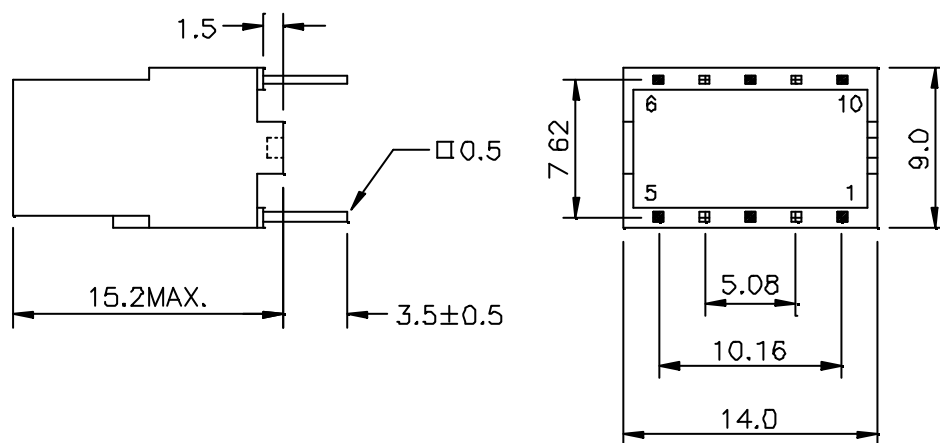
Schematic diagram:



Electrical Specification at 25⁰C:

- 1.) $L_{II+III} \geq 30\text{mH}$, (NII+III series), at 10KHz 100mV
- 2.) Polarity and turns ratio tolerance $\pm 1\%$
- 3.) $C_k \leq 45\text{pF}$, (NI to NII || NIII), at 10KHz 100mV
- 4.) $L_s \text{ II+III} \leq 3.0\mu\text{H}$, (NII+III series, NI shorted), at 100KHz 100mV
- 5.) $Z_{II}=Z_{III} \geq 625\Omega$, at 20KHz 100mV with $\Delta I_{dc}=3\text{mA}$
- 6.) HI-pot test:
 - $U_p=1.5\text{KVrms}$, 1s (NI to NII+NIII)
 - $U_p=0.5\text{KVrms}$, 2s (NII to NIII)

Dimension:



NOTE :1. For RoHS compliant products:

- a.) The UMEC ordering code: **TG-UT21521**
- b.) Date Code suffix to "G" (xxxxG).
- c.) Solder : Sn/Cu .

2. Specifications are subject to change without prior notice.

UNIT: mm

Tolerances $\pm 0.2\text{mm}$

E10-013-C



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