

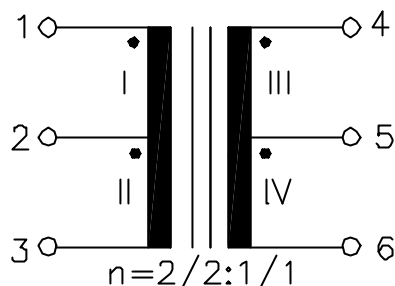
ISDN

UM MODEL NO.:	SPECIFICATION	REV.	
UT28729	S _O -Interface Transformer	A4	05/52

Characteristic data:

$f=96\text{KHz}$
 $C_{wIII+IV} \approx 130\text{pF}$
 $R_I=R_{II} \approx 1.75\Omega$
 $R_{III}=R_{IV} \approx 1.25\Omega$
 $\Delta I_{dc}=5\text{mA}$
 $T_u(\text{amb}) \leq 60^\circ\text{C}$

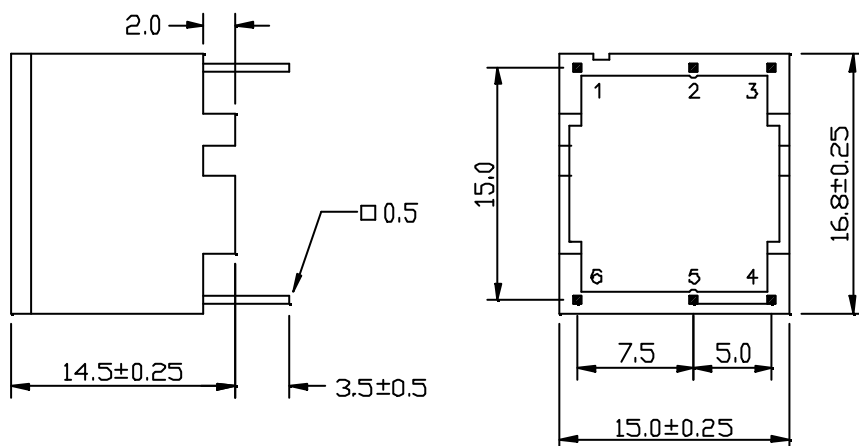
Schematic diagram:



Electrical Specification at 25°C:

- 1.) $L_{III+IV} \geq 30\text{mH}$, (N_{III}+N_{IV} series), at 10KHz 100mV
- 2.) Polarity and turns ratio tolerance: $\pm 1\%$
- 3.) $C_k \leq 18\text{pF}$, (N_I+ N_{II} to N_{III}+ N_{IV}), at 10KHz 100mV
- 4.) $L_{sIII+IV} \leq 15.0\mu\text{H}$, (N_{III}+N_{IV} series, N_I+N_{II} shorted), at 100KHz 100mV
- 5.) $Z_{III}=Z_{IV} \geq 625\Omega$, at 20KHz 100mV with $\Delta I_{dc}=5\text{mA}$
- 6.) HI-pot test:
 $U_p=4.0\text{KV}_{rms}, 2s$ (N_I+ N_{II} to N_{III}+ N_{IV})

Dimension:



NOTE :.. 1. Packaging Information: T.B.D.

2. For RoHS compliant products:

- a.) The UMEC ordering code: **TG-UT28729**.
- b.) Date Code suffix to "G" (xxxxG).
- c.) Solder : Sn/Cu .

3. Specifications are subject to change without prior notice.

4. The transformer meets the specifications for supplementary insulation per IEC 950 with working voltage of 250V.

UNIT: mm

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

E10-013-C



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