

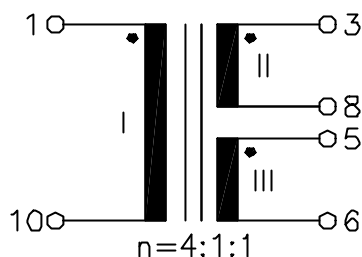
ISDN

| UM MODEL NO.: | SPECIFICATION | REV. | |
|---------------|---------------------------------------|------|-------|
| UT21501 | S _O -Interface Transformer | A1 | 98/47 |

Characteristic data:

$f=96\text{KHz}$
 $C_{wII+III} \approx 30\text{pF}$
 $R_I \approx 3.3\Omega$
 $R_{II}=R_{III} \approx 0.56\Omega$
 $T_u(\text{amb}) \leq 60^\circ\text{C}$

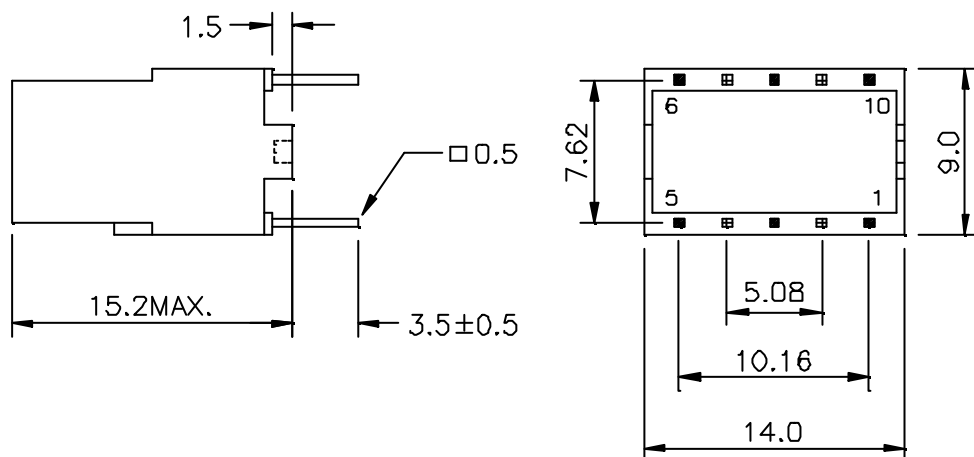
Schematic diagram:



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.) $L_S II+III \leq 3.0\mu\text{H}$, (NII+III series, NI shorted), at 100KHz 100mV
- 5.) HI-pot test:
 $U_p = 1.0\text{KV}_{\text{rms}}, 2\text{s}$ (Winding to Winding)

Dimension:



NOTE: Specifications are subject to change without prior notice.

UNIT: mm

Tolerances $\pm 0.2\text{mm}$

E10-013-C



UNIVERSAL MICROELECTRONICS CO.,LTD.
 TEL:886-4-23590096 FAX:886-4-23590129
<http://www.umec-web.com> Email:business@umec.com.tw

3,27TH RD.,TAICHUNG INDUSTRIAL PARK,
 TAICHUNG,TAIWAN,R.O.C