

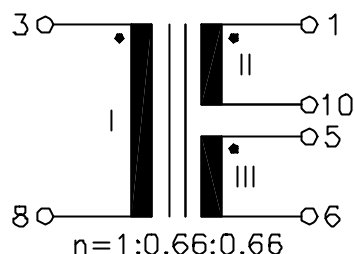
# ISDN

| UM MODEL NO.: | SPECIFICATION                          | REV. |       |
|---------------|--|------|-------|
| UT21524       | U <sub>KO</sub> -Interface Transformer | A1   | 98/47 |

**Characteristic data:**

f=60KHz  
 RI ≈ 3.0Ω  
 RII=RIII ≈ 2.0Ω  
 I<sub>dc</sub>=40mA  
 T<sub>u(amb)</sub>≤60°C

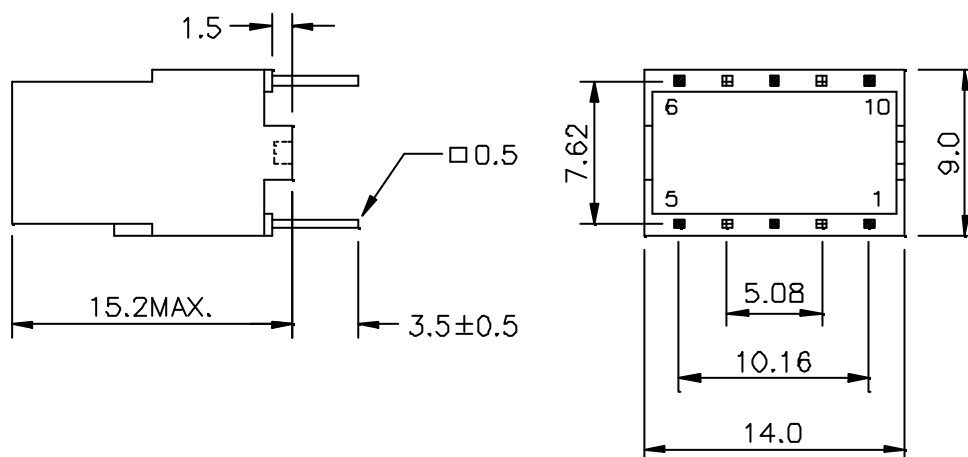
**Schematic diagram:**



**Electrical Specification at 25°C:**

- 1.) L<sub>II+III</sub> ≥ 6.0mH, (N<sub>II</sub>+N<sub>III</sub> series), at 10KHz 100mV with I<sub>dc</sub>=40mA
- 2.) Polarity and turns ratio tolerance ±2%
- 3.) C<sub>k</sub> ≤ 120pF, (N<sub>I</sub> to N<sub>II</sub> || N<sub>III</sub>), at 10KHz 100mV
- 4.) L<sub>s</sub> II+III ≤ 9.0uH, (N<sub>II</sub>+N<sub>III</sub> series, N<sub>I</sub> shorted), at 100KHz 100mV
- 5.) HI-pot test:
  - U<sub>p</sub> = 2.0KV<sub>rms</sub>, 2s (N<sub>I</sub> to N<sub>II</sub>+N<sub>III</sub>)
  - U<sub>p</sub> = 0.5KV<sub>rms</sub>, 2s (N<sub>II</sub> to N<sub>III</sub>)

**Dimension:**



NOTE: Specifications are subject to change without prior notice.

UNIT: mm

Tolerances ±0.2mm

E10-013-C



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