

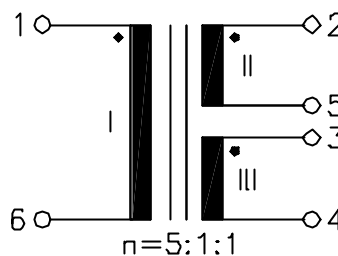
# ISDN

UM MODEL NO.:	SPECIFICATION	REV.	
UT21717	S <sub>O</sub> -Interface Transformer	A2	01/22

**Characteristic data:**

- f=96KHz
- C<sub>wII+III</sub> ≈ 30pF
- R<sub>I</sub> ≈ 4.3Ω
- R<sub>II</sub>=R<sub>III</sub> ≈ 0.2Ω
- ΔI<sub>dc</sub>=1mA
- T<sub>u(amb)</sub>≤60<sup>0</sup>C

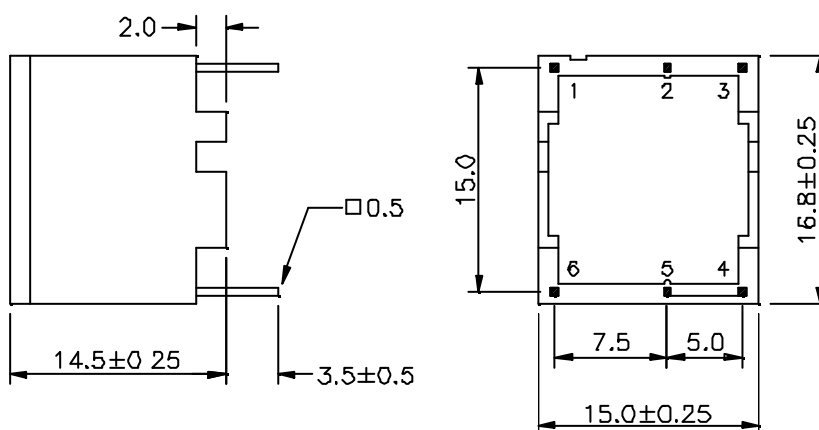
**Schematic diagram:**



**Electrical Specification at 25<sup>0</sup>C:**

- 1.) L<sub>II+III</sub>≥30mH, (N<sub>II</sub>+N<sub>III</sub> series), at 10KHz 100mV
- 2.) Polarity and turns ratio tolerance±1%
- 3.) C<sub>k</sub>≤50pF, (N<sub>I</sub> to N<sub>II</sub> || N<sub>III</sub>), at 10KHz 100mV
- 4.) L<sub>sII+III</sub>≤3.0uH, (N<sub>II</sub>+N<sub>III</sub> series, N<sub>I</sub> shorted), at 100KHz 100mV
- 5.) Z<sub>II</sub>=Z<sub>III</sub>≥625Ω, at 20KHz 100mV with ΔI<sub>dc</sub>=1mA
- 6.) HI-pot test:
  - U<sub>p</sub>=4.0KVrms, 2s(N<sub>I</sub> to N<sub>II</sub>+N<sub>III</sub>)
  - U<sub>p</sub>=0.5KVrms, 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

