

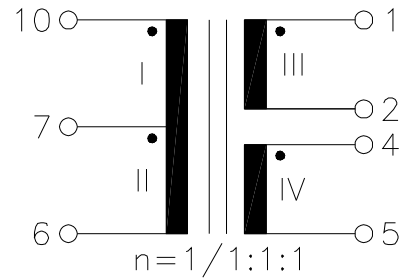
# ISDN

UM MODEL NO.:	SPECIFICATION	REV.	
UT28108A-TS	S <sub>O</sub> -Interface Transformer	A1	01/03

**Characteristic data:**

$R_I + R_{II} \approx 2.4\Omega$   
 $R_{III} + R_{IV} \approx 2.6\Omega$   
 $\Delta I_{dc} = 2.5\text{mA}$   
 $T_u(\text{amb}) \leq 60^\circ\text{C}$

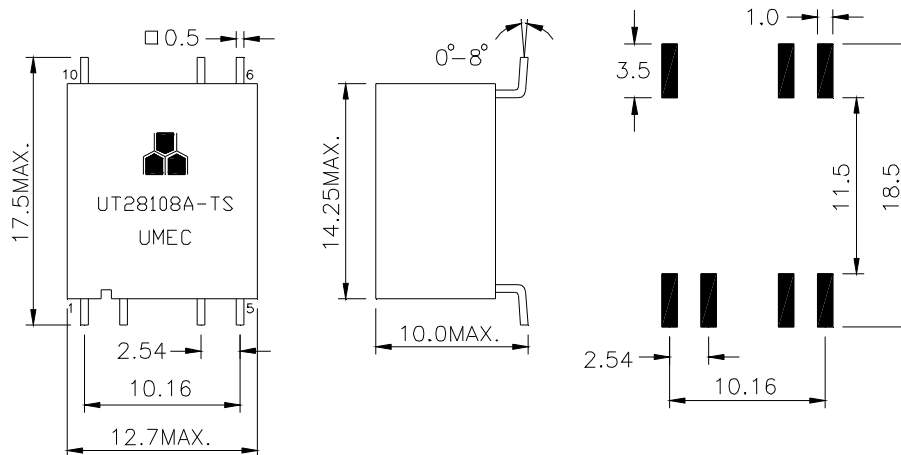
**Schematic diagram:**



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

- 1.)  $L_{III+IV} \geq 30\text{mH}$ , (N<sub>III+IV</sub> series), at 10KHz 50mV
- 2.)  $L_{III+IV} \geq 20\text{mH}$ , (N<sub>III+IV</sub> series), at 10KHz 50mV with  $\Delta I_{dc} = 2.5\text{mA}$
- 3.) Polarity and turns ratio tolerance:  $\pm 1\%$
- 4.)  $C_k \leq 80\text{pF}$ , (N<sub>I+II</sub> to N<sub>III+IV</sub>), at 300KHz 50mV
- 5.)  $C_{wIII+IV} \leq 150\text{pF}$ , (N<sub>III+IV</sub> series), at 300KHz 50mV
- 6.)  $L_{sIII+IV} \leq 6.0\mu\text{H}$ , (N<sub>III+IV</sub> series, N<sub>I+II</sub> shorted), at 10KHz 50mV
- 7.) HI-pot test:  
 $U_p = 1.5\text{KV}_{rms}, 2\text{s}$  (N<sub>I+II</sub> to N<sub>III+IV</sub>)

**Dimension:**



Note: 1. Packaging information-tape and reel according to item no. "K20S" of data sheet 01-00  
 2. Specifications are subject to change without prior notice.

UNIT: mm

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



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E10-013-C