

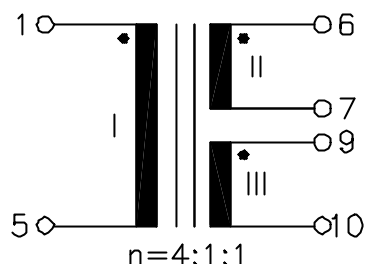
# ISDN

UM MODEL NO.:	SPECIFICATION	REV.	
UT28129-TS	S <sub>O</sub> -Interface Transformer	A2	05/33

**Characteristic data:**

$RI \approx 5.3\Omega$   
 $R_{II}=R_{III} \approx 1.55\Omega$   
 $\Delta Idc=3mA$   
 $Tu (amb) \leq 60^{\circ}C$

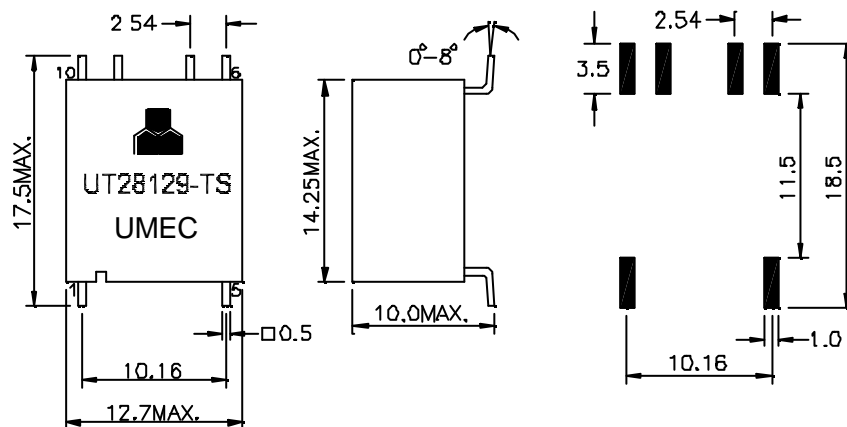
**Schematic diagram:**



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

- 1.)  $L_{II+III} \geq 30mH$ , ( $N_{II}+N_{III}$  series), at 10KHz 100mV
- 2.) Polarity and turns ratio tolerance  $\pm 2\%$
- 3.)  $Ck \leq 120pF$ , (NI to  $N_{II}+N_{III}$ ), at 10KHz 100mV
- 4.)  $Ls_{II+III} \leq 7.0uH$ , ( $N_{II}+N_{III}$  series, NI shorted), at 100KHz 100mV
- 5.)  $Z_{II}=Z_{III} \geq 625\Omega$ , at 20KHz 100mV with  $\Delta Idc=3mA$
- 6.) HI-pot test:  
 $Up=1.5KV_{rms}, 1s$  (NI to  $N_{II}+N_{III}$ )  
 $Up=0.5KV_{rms}, 2s$  ( $N_{II}$  to  $N_{III}$ )

**Dimension:**



NOTE : 1. Packaging Information: Tape and Reel according to Item NO. "K20S<sup>2)</sup>" of data sheet 01-00  
 2. For RoHS compliant products:  
 a.) The UMEC ordering code: **TG-UT28129-TS**  
 b.) Date Code suffix to "G" (xxxxG).  
 c.) Solder : Sn/Ag/Cu .  
 3. Specifications are subject to change without prior notice.

UNIT: mm

Tolerances  $\pm 0.2mm$

E10-013-C



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