

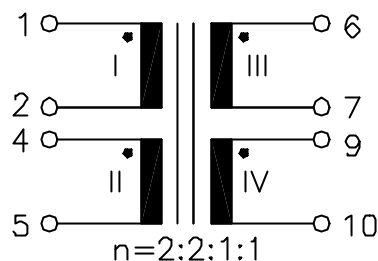
ISDN

UM MODEL NO.:	SPECIFICATION	REV.	
UT28166-TS	S _O -Interface Transformer	A2	06/06

Characteristic data:

$R_I+R_{II} \approx 3.6\Omega$
 $R_{III}+R_{IV} \approx 1.2\Omega$
 $\Delta I_{dc}=5mA$
 $T_u(amb) \leq 60^{\circ}C$

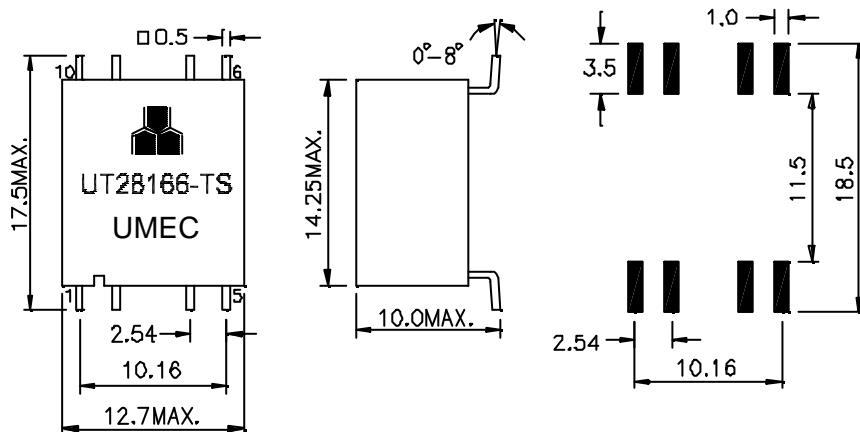
Schematic diagram:



Electrical Specification at 25⁰C:

- 1.) $L_{III+IV} \geq 30mH$, (N_{III}+N_{IV} series), at 10KHz 100mV
- 2.) Polarity and turns ratio tolerance: $\pm 1\%$
- 3.) $C_k \leq 140pF$, (N_I || N_{II} to N_{III} || N_{IV}), at 10KHz 100mV
- 4.) $L_{sIII+IV} \leq 5.0uH$, (N_{III}+N_{IV} series, N_I+N_{II} shorted), at 100KHz 100mV
- 5.) $Z_{III}=Z_{IV} \geq 625\Omega$, at 20KHz 100mV with $\Delta I_{dc}=5mA$
- 6.) HI-pot test:
 - $U_p=1.5KV_{rms}, 2s$ (N_I+N_{II} to N_{III}+N_{IV})
 - $U_p=0.5KV_{rms}, 2s$ (N_I to N_{II}, N_{III} to N_{IV})

Dimension:



- NOTE : 1. Packaging Information-Tape And Reel According To Item No. "K20S" Of Data Sheet 01-00
2. For RoHS compliant products:
 - a.) The UMEC ordering code: **TG-UT28166-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: $\pm 0.2mm$



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E10-013-C