

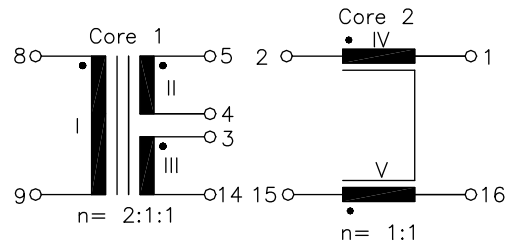
# ISDN

UM PART NO.:	SPECIFICATION	REV.	
UT21642-TS	U <sub>PO</sub> -Interface Module	A0	01/25

### Characteristic data:

$f=192\text{KHz}$   
 $R_I \approx 5.1\Omega$   
 $R_{II}+R_{III} \approx 7.1\Omega$   
 $R_{IV}=R_V \approx 1.3\Omega$   
 $I_{dc}=75\text{mA}$   
 $T_u(\text{amb}) \leq 60^\circ\text{C}$

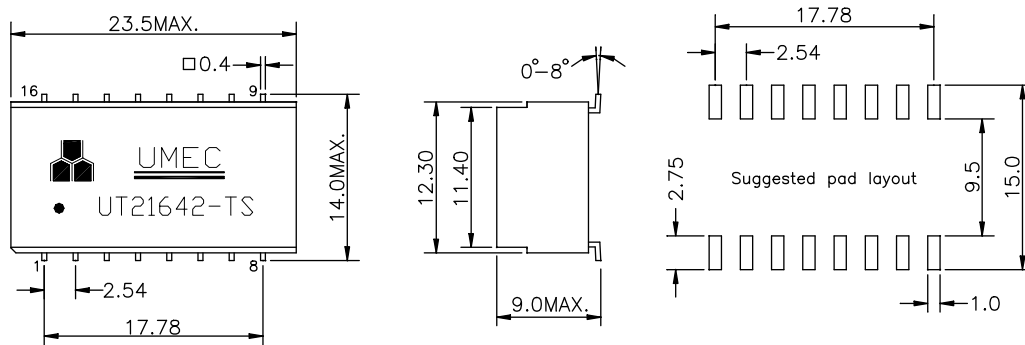
### Schematic diagram:



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

- 1.)  $L_{II+III} \geq 1.7\text{mH}$ , (NII+III series), at 10KHz 100mV with  $I_{dc}=75\text{mA}$  (core 1)
- 2.) Polarity and turns ratio tolerance:  $\pm 2\%$  (core 1)
- 3.) Polarity and turns ratio tolerance:  $\pm 1\%$  (core 2)
- 4.)  $C_k \leq 120\text{pF}$ , (NI to NII + NIII), at 10KHz 100mV (core 1)
- 5.)  $L_s II+III \leq 10\mu\text{H}$ , (NII+III series, NI shorted), at 100KHz 100mV (core 1)
- 6.)  $L_{IV}=L_V \geq 5\text{mH}$ , at 10KHz 100mV (core 2)
- 7.) HI-POT test:  
 $U_p=1.5\text{KVrms}$ , 1s [ NI to NII+NIII (core 1) ]  
 $U_p=0.5\text{KVrms}$ , 1s [ NII to NIII (core 1) ], [ NIV to NV (core 2) ]

### Dimension:

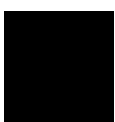


- Note: 1. Packing information tape and reel according to item no."K30SS" of data sheet 01-00  
 2. Specifications are subject to change without prior notice.

UNIT: mm

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

E10-013-B



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