

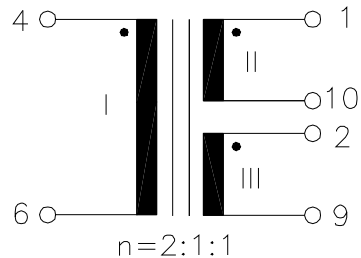
# ISDN

|               |  |      |       |
|---------------|--|------|-------|
| UM MODEL NO.: | SPECIFICATION                          | REV. |       |
| UT28904-TS    | U <sub>PO</sub> -Interface Transformer | A2   | 99/05 |

**Characteristic data:**

$RI \leq 3.0\Omega$   
 $R_{II} = R_{III} \leq 2.0\Omega$   
 $I_{dc} = 75mA$   
 $T_u(amb) \leq 60^{\circ}C$

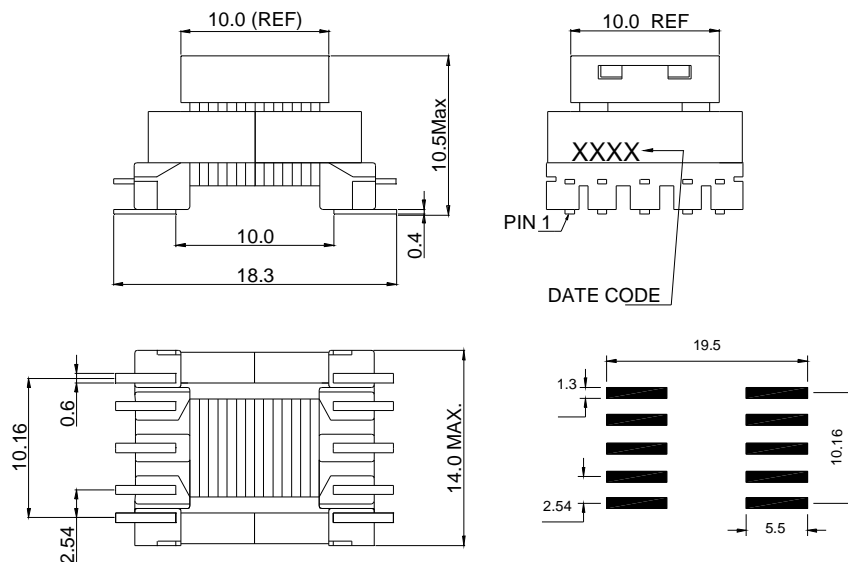
**Schematic diagram:**



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

- 1.)  $L_{II+III} = 1.7 \text{ -- } 2.5mH$ , (NII+III series), at 1KHz 100mV with  $I_{dc} = 75mA$
- 2.) Polarity and turns ratio tolerance:  $\pm 2\%$
- 3.)  $C_k \leq 150pF$ , (NI to NII+ NI to NIII), at 10KHz 100mV
- 4.)  $L_s \text{ II+III} \leq 15.0uH$ , (NII+III series, NI shorted), at 100KHz 100mV
- 5.) HI-pot test:  
 $U_p = 300V_{rms}, 2s$  (NI to NII; NI to NIII)

**Dimension:**



NOTE: 1. PACKAGING INFORMATION-TAPE AND REEL  
 ACCORDING TO ITEM NO. "EF12.6A" OF DATA SHEET 01-00  
 2. Specifications are subject to change without prior notice.

UNIT: mm

Tolerances:  $\pm 0.2mm$



**UNIVERSAL MICROELECTRONICS CO.,LTD.**  
 TEL:886-4-23590096 FAX:886-4-23590129  
<http://www.umec-web.com> E-mail:business@umec.com.tw

3,27TH RD.,TAICHUNG INDUSTRIAL PARK,  
 TAICHUNG,TAIWAN,R.O.C

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