

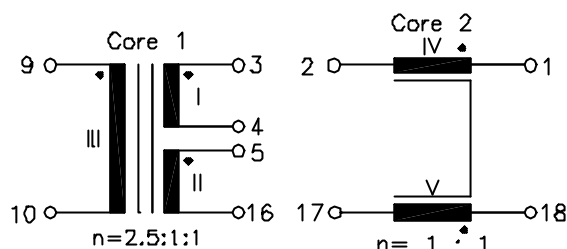
ISDN

UM MODEL NO.:	SPECIFICATION	REV.	
UT21620-TS	U _{PO} -Interface Module	A2	06/37

Characteristic data:

$f=192\text{KHz}$
 $R_I=R_{II} \approx 0.75\Omega$
 $R_{III} \approx 1.85\Omega$
 $R_{IV}=R_V \leq 0.85\Omega$
 $I_{dc}=75\text{mA}$
 $T_u(\text{amb}) \leq 60^\circ\text{C}$

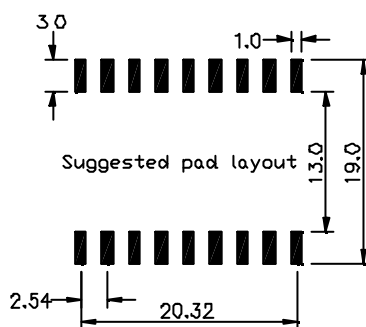
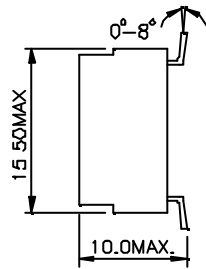
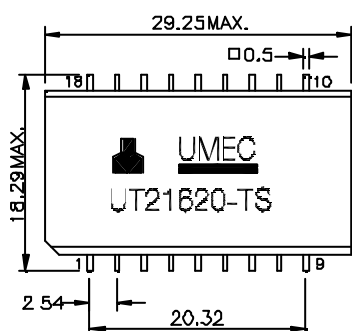
Schematic diagram:



Electrical Specification at 25⁰C:

- 1.) $L_I+L_{II} \geq 1.7\text{mH}$, (NI+II series), at 10KHz 100mV with $I_{dc}=75\text{mA}$ (core 1)
- 2.) Polarity and turns ratio tolerance $\pm 1\%$ (core 1,2)
- 3.) $C_k \leq 100\text{pF}$, (NIII to NI || NII), at 10KHz 100mV (core 1)
- 4.) $L_S I+II \leq 6.0\mu\text{H}$, (NI+II series, NIII shorted), at 100KHz 100mV (core 1)
- 5.) $L_{IV}=L_V=6\text{mH} +50\%/-30\%$, at 10KHz 100mV (core 2)
- 6.) HI-POT test:
 - $U_p=2.5\text{KV}_{rms}, 1\text{s}$ [NIII to NI+NII (core 1)]
 - $U_p=0.5\text{KV}_{rms}, 1\text{s}$ [NIV to NV (core 2)], [NI to NII (core 2)]

Dimension:



- Note: 1. Packaging information-tape and reel according to item no. "K40S" of data sheet 01-00
2. For RoHS compliant products:
 - a.) The UMEC ordering code: **TG-UT21620-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 $\pm 0.2\text{mm}$

E10-013-C



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

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