

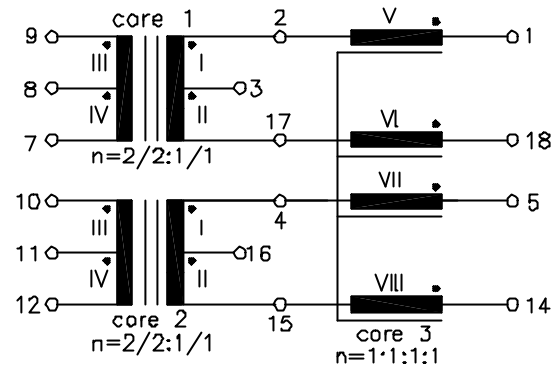
ISDN

UM MODEL NO.:	SPECIFICATION	REV.	
UT21624	S _O -Interface Module	B2	06/02

Characteristic data:

$f=96\text{KHz}$
 $C_{wI+II} \approx 200\text{pF}$
 $R_I=R_{II} \approx 0.55\Omega$
 $R_{III}=R_{IV} \approx 1.6\Omega$
 $R_V \sim R_{VIII} \approx 1.1\Omega$
 $\Delta I_{dc}=5\text{mA}$
 $T_{u(amb)} \leq 60^\circ\text{C}$

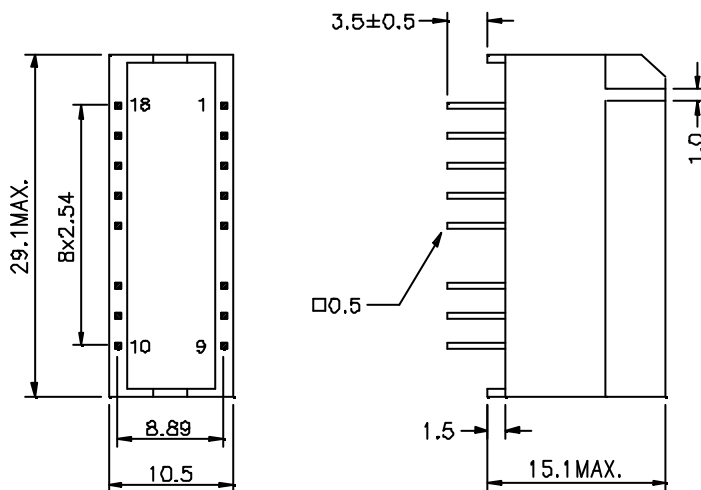
Schematic diagram:



Electrical Specification at 25⁰C:

- LI+II $\geq 30\text{mH}$, (NI+II series), at 10KHz 100mV (core 1,2)
- Polarity and turns ratio tolerance $\pm 1\%$ (core 1,2,3)
- Ck $\leq 150\text{pF}$, (NIII+IV to NI+V || NII+VI, or NI+VII || NII+VIII), at 10KHz 100mV (core 1,2)
- Ls I+II $\leq 5.0\mu\text{H}$, (NI+II series, NIII+IV shorted), at 100KHz 100mV (core 1,2)
- Ls V $\leq 0.6\mu\text{H}$, (NVI, VII, VIII shorted), at 100KHz 100mV (core 3)
- LV=LVI=LVII=LVIII=5.0mH +50%/-30%, at 10KHz 100mV (core 3)
- ZI=ZII $\geq 625\Omega$, at 20KHz 100mV with $\Delta I_{dc}=5\text{mA}$ (core 1,2)
- HI-pot test:
 Up=2.0KVrms, 2s [NI/II (core 1+core 2) to NIII/IV (core 1+core 2)]
 Up=0.5KVrms, 2s [NV+VI (core 3)+NIII/IV (core 1) to (NVII+VIII (core 3)+NIII/IV (core 2))]

Dimension:



NOTE : 1. For RoHS compliant products:

- The UMEC ordering code: **TG-UT21624**
- Date Code suffix to "G" (xxxxG).
- Solder : Sn/ Cu .

2. Specifications are subject to change without prior notice.

UNIT: mm

Tolerances $\pm 0.2\text{mm}$



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