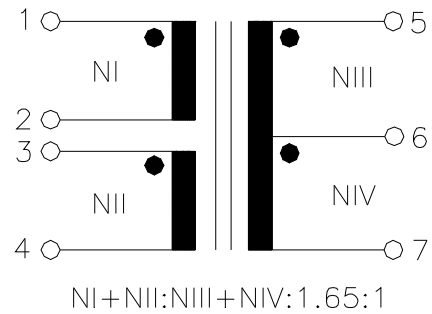


ISDN

UM MODEL NO.:	SPECIFICATION	REV.	1/1
UT35473S	U _{KO} -Interface Transformer	B1	2000/11

Characteristic data:
 $f=40\text{KHz}$
 $R_I+R_{II}=4.4\Omega \sim 6.0\Omega$
 $R_{III}+R_{IV}=2.5\Omega \sim 3.45\Omega$
 $I_{dc}=50\text{mA(max.)}$

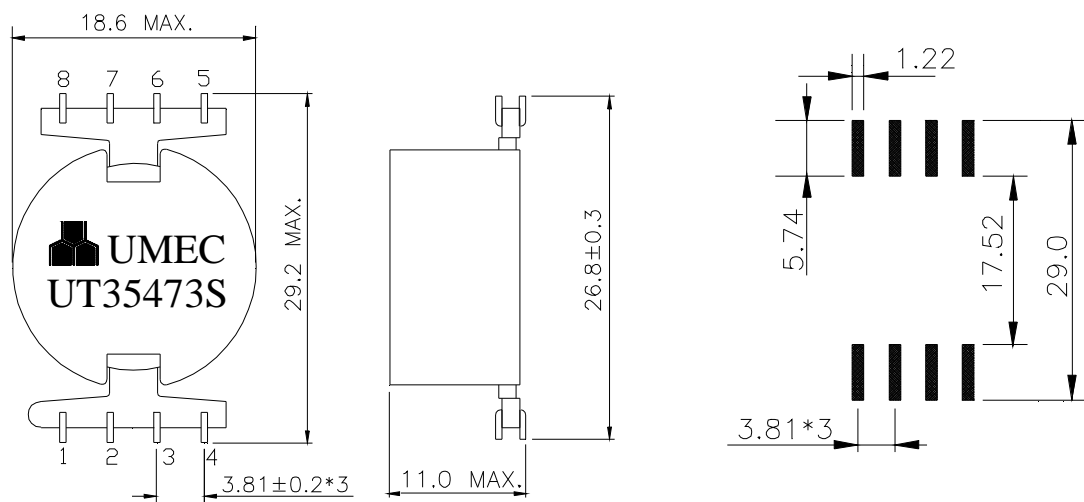
Schematic diagram:



Electrical Specification at 25°C:

- 1.) $L_I+L_{II}=13.0\text{mH} \sim 18.0\text{mH}$ (NI+NII series), at 10KHz, 100mV
- 2.) Polarity and turns ratio tolerance: $\pm 3\%$
- 3.) $L_s I+II \leq 75\mu\text{H}$, (NI+NII series, NIII+NIV shorted), at 100KHz, 100mV
- 4.) Longitudinal Balance $\geq 60\text{dB}$, Below 4KHz
- 5.) Longitudinal Balance $\geq 55\text{dB}$, 4KHz to 190KHz.
- 6.) T.H.D $\leq -45\text{dB max.}$, @ 500Hz 1V.
- 7.) HI-pot test:
 $U_p=2.0\text{KVdc}$, 1minute, pri. to sec.

Dimension:



SUGGESTED P.C.B. LAYOUT

CO-PLANARITY : 0.15mm

NOTE : specifications are subject to change without prior notice.

UNIT: mm



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