ISDN

UM PART NO.:	SPECIFICATION	REV.	
UT21976	U_{KO}-Interface Transformer(4B3T) for Infineon PEF80902(3),81902(3),82902(3)	Preliminary	2003/04

Characteristic Data:

RI = 1.9 Ω ±15%

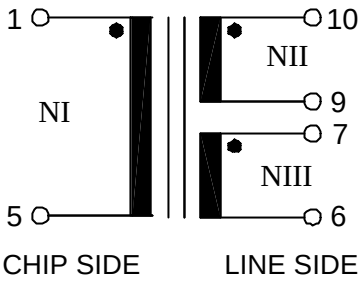
RII + RIII =3.8 Ω ±15%

Idc=60mA(max.)

Operational and Storage Temp.

-40^0C to + 85^0C

Schematic Diagram:



n=1:0.8:0.8

Electrical Specification at 25^0C:

1.)L II+III=7.57mH ±10%,(NI+II series),at 10KHz,100mV

2.)Polarity and turns ratio tolerance:±2%

3.)Ck=27pF typ. ,(NI to NII+ NIII),at 10KHz,100mV

4.)Ls II+III =60uH typ. ,(NII +NIII , NI shorted),at 100KHz,100mV

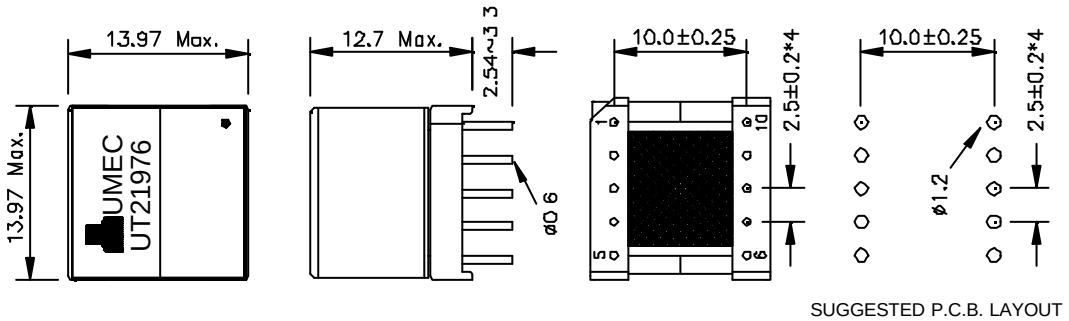
5.)HI-pot test:

Up=2.0KVrms,2s(NI to NII+NIII)

Up=0.5KVrms,2s(NII to NIII)

Note: The transformer meets the specifications for supplementary insulation per IEC 950 with working voltage of 250V.

Dimension:



SUGGESTED P.C.B. LAYOUT

NOTE: Specifications are subject to change without prior notice.

UNIT: mm

Tolerances: ±0.2mm

E10-013-B

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