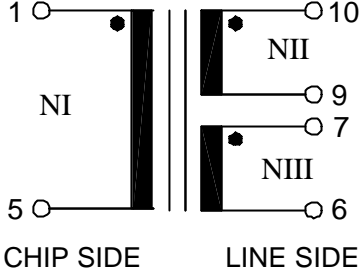
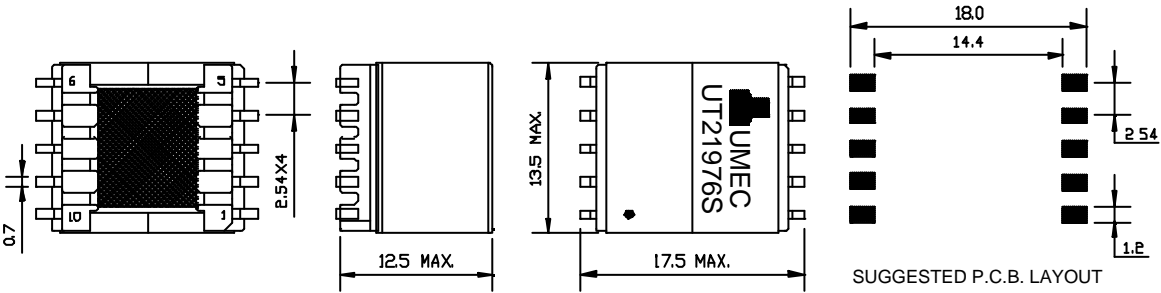


| UM PART NO.: | SPECIFICATION | REV. | |
|---|---|---|---------|
| UT21976S | U _{KO} -Interface Transformer(4B3T) for Infineon PEF80902(3),81902(3),82902(3) | Preliminary | 2003/04 |
| Characteristic Data: $RI = 1.9 \Omega \pm 15\%$ $R_{II} + R_{III} = 3.8 \Omega \pm 15\%$ $I_{dc} = 60\text{mA (max.)}$ Operational and Storage Temp. $-40^{\circ}\text{C to } +85^{\circ}\text{C}$ | | Schematic Diagram:  $n=1:0.8:0.8$ | |
| Electrical Specification at 25°C: 1.) $L_{II+III} = 7.57\text{mH} \pm 10\%$, (NI+II series), at 10KHz, 100mV 2.) Polarity and turns ratio tolerance $\pm 2\%$ 3.) $C_k = 27\text{pF typ.}$, (NI to NII+ NIII), at 10KHz, 100mV 4.) $L_s_{II+III} = 60\mu\text{H typ.}$, (NII +NIII , NI shorted), at 100KHz, 100mV 5.) HI-pot test: $U_p = 2.0\text{KVrms, 2s}$ (NI to NII+NIII) $U_p = 0.5\text{KVrms, 2s}$ (NII to NIII) | | | |
| Note: The transformer meets the specifications for supplementary insulation per IEC 950 with working voltage of 250V. | | | |
| Dimension:  <p>NOTE: Specifications are subject to change without prior notice.</p> <p>UNIT: mm Tolerances: $\pm 0.2\text{mm}$</p> | | | |