

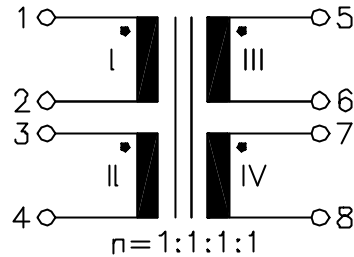


UM PART NO.:	SPECIFICATION	REV.	
UT21434A-TS	U <sub>PO</sub> -Interface Transformer	A0	99/47

**Characteristic data:**

f=192KHz  
 RI+RII ≈ 2.0Ω  
 RIII+RIV ≈ 2.1Ω  
 I<sub>dc</sub>=75mA  
 T<sub>u(amb)</sub> ≤ 60°C

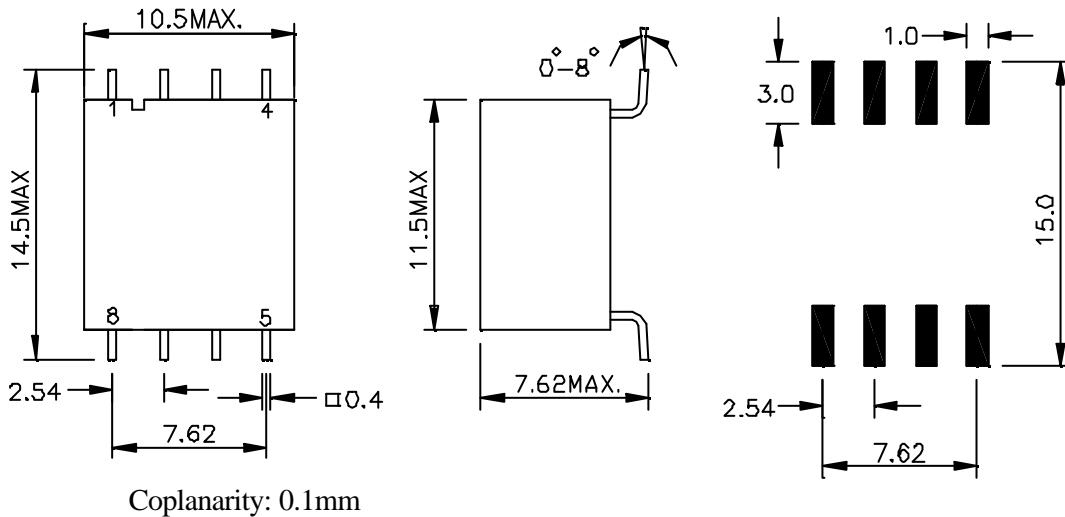
**Schematic diagram:**



**Electrical Specification at 25°C:**

- 1.) L<sub>III+IV</sub> ≥ 1.7mH, (N<sub>III+IV</sub> series), at 10KHz 100mV with I<sub>dc</sub>=75mA
- 2.) Polarity and turns ratio tolerance ±2%
- 3.) C<sub>k</sub> ≤ 180pF, (N<sub>I</sub> o N<sub>II</sub> to N<sub>III</sub> o N<sub>IV</sub>), at 10KHz 100mV
- 4.) L<sub>SIII+IV</sub> ≤ 10.0uH, (N<sub>III+IV</sub> series, N<sub>I+II</sub> shorted), at 100KHz 100mV
- 5.) HI-POT test:  
 U<sub>p</sub>=1.5KVrms, 2s(N<sub>I+II</sub> to N<sub>III+IV</sub>)  
 U<sub>p</sub>=0.5KVrms, 2s(N<sub>I</sub> to N<sub>II</sub>, N<sub>III</sub> to N<sub>IV</sub>)

**Dimension:**



E10-013-B

UNIT: mm

Tolerances ±0.2mm

