

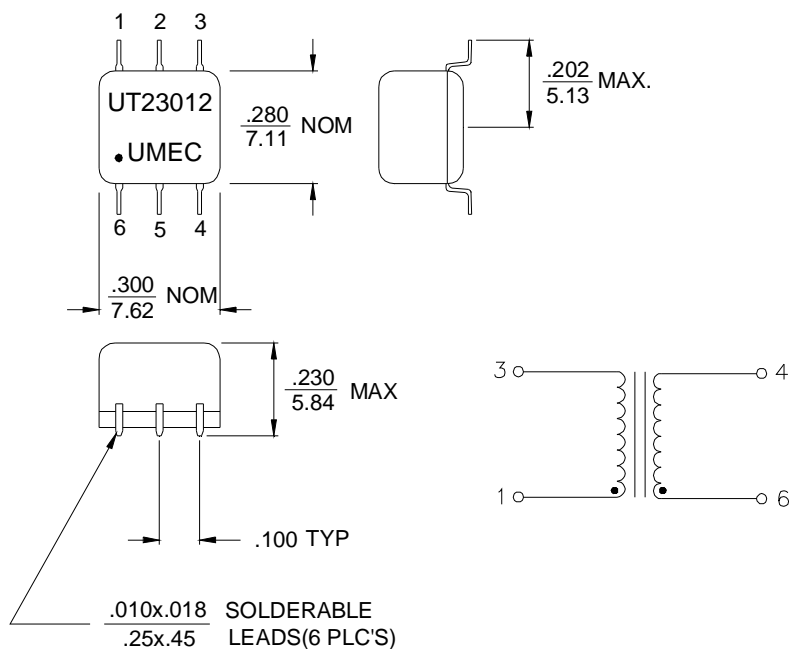
# DATA SHEET

UM MODEL NO.:	SPECIFICATION	REV.	
UT 23012	TRANSFORMERS	A3	06/33

## Electrical Specifications at 25<sup>0</sup>C

1. Inductance : 100 $\mu$ H Min. at 100KHz 100mV 25<sup>0</sup>C, PIN(1-3)  
40 $\mu$ H Min. at 100KHz 100mV -40<sup>0</sup>C, PIN(1-3)
2. D.C. Resistance : 0.25 $\Omega$  Max. , each windings
3. HI-POT : 1.65KVrms 0.5mA 6sec. , Pri to Sec.
4. Leakage Inductance : 0.11 $\mu$ H Max. at 100KHz 1V , PIN(1-3) with (4-6) shorted
5. Cw/w : 10pF Max. at 100KHz 1V , PIN(1-3) shorted to (4-6) shorted
6. Turns Ratio : 1 : 1 $\pm$ 2% at 15.75KHz 1V , Pri. to Sec.
7. Return Loss : 12dB Min. at 0.860MHz  
18dB Min. at 1.72MHz  
16dB Min. at 34.4MHz  
14dB Min. at 51.5MHz
8. Operating Temperature is -40<sup>0</sup>C to +85<sup>0</sup>C

## DIMENSIONS & SCHEMATICS



- NOTE :
1. Packaging Information: Tape and Reel according to Item no. "H06S " of data sheet 01-00
  2. For RoHS compliant products:
    - a.) The UMEC ordering code: TG-UT23012
    - b.) Date Code suffix to "G" (xxxxG).
    - c.) Solder : Sn/Ag/Cu .
  3. Specifications are subject to change without prior notice.

UNIT : mm

E10-007-C



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