

DATA SHEET

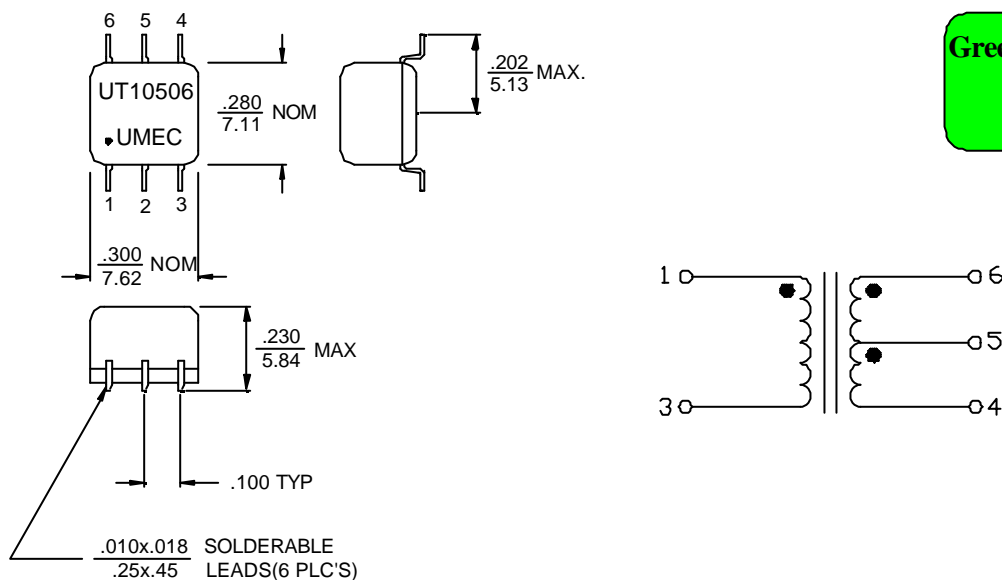
UM MODEL NO.:	SPECIFICATION	REV.	
UT10506	RF TRANSFORMERS	A4	05/28

Electrical Specification at 25°C :

- 1) Turns Ratio & Polarity : 1.266:1±2% , at 100KHz 1V , PIN(6-4) : (1-3)
1.0:1.0±2% , at 100KHz 1V , PIN(6-5) : (1-3)
- 2) Inductance: 1.2mH Min , 100KHz 50mV , +25°C , PIN(1-3)
800uH Min , 100KHz 50mV , -15°C , PIN(1-3)
- 3) Leakage Inductance : 0.51uH Max . 100KHz 1V , PRI with SEC
- 4) Cw/w: 25pF Max. , 100KHz 1V , PRI TO SEC .
- 5) DCR: 0.6Ω Max. , PIN(1-3)
DCR: 0.8Ω Max. , PIN(6-4)
- 6) Hi- Pot: 1.5KVac , 1 MIN or 1.65KVac/6sec., PRI TO SEC .
- 7) Return Loss: PIN(1-3) 75Ω REF. , PIN(6-4) with 120Ω loaded
12dB Min = 51~102KHz.
18dB Min = 102~2048KHz.
15dB Min = 2048~3072KHz.
- 8) Longitudinal Balance: 50dB Min. , at 1024KHz , -20dB/decade Above 1024KHz
- 9) Surge Voltage Capability : 10/700us; 10repetitions of alternating polarity,
generator output:2000Vpeak,25Ω source.

Note: The design meet IEC950 request, in TNV-1 to SELV circuit or TNV-3 to TNV-2 circuit applications.

Dimension & Schematic :



- 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-UT10506**
b.) Date Code suffix to "G" (xxxxG).
c.) Solder : Sn/Ag/Cu .
3. Specifications are subject to change without prior notice.

UNIT : mm

Tolerance : ±0.2mm

E10-007-C



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