

# DATA SHEET

UM MODEL NO.:	SPECIFICATIONS	REV.	
UT12026	10/100BASE-TX for Power over Ethernet(PoE)	A1	06/28

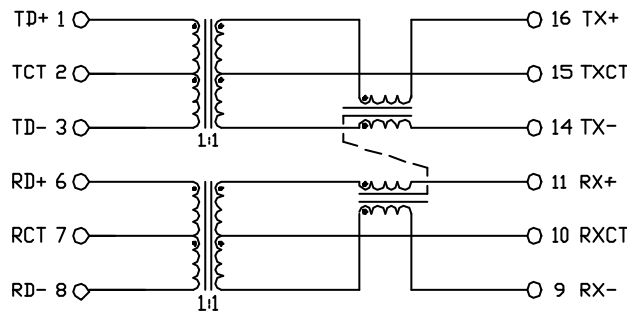
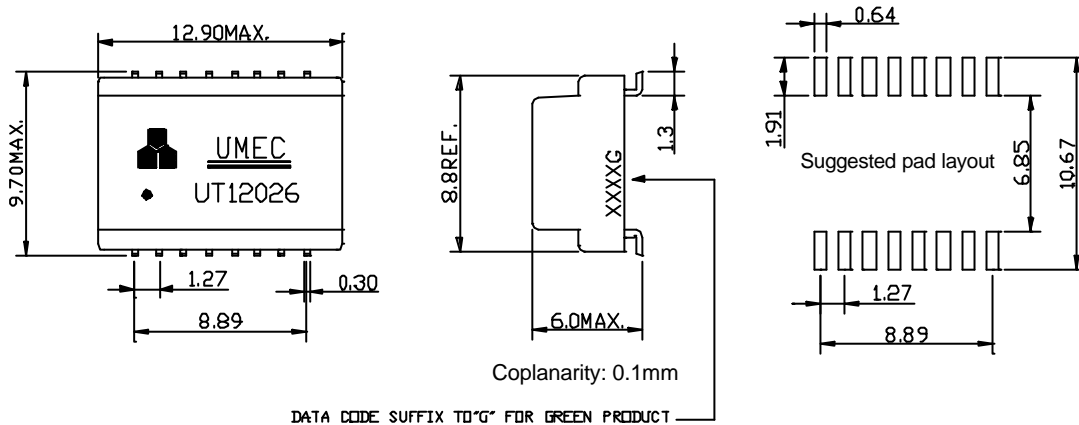
### Features:

1. Compliant performance meet IEEE 802.3af/ANSI X3.263 standard Including 350uH min. OCL with 8mA DC bias
2. Suitable for End-span and Mid-span PoE applications
3. 350mA current capability
4. For RoHS Compliant is Designed for reflow soldering at temperature 245°C(+0°C/-5°C)
5. Operating temperature: -40°C to +85°C

### Electrical Specification @25°C:

1. Insertion Loss: -1.4dB Max. @1-100MHz
2. Return Loss: -16dB Min. @1-30MHz  
 -14dB Min. @40MHz  
 -13dB Min. @50MHz  
 -12dB Min. @60-80MHz
3. Cross Talk: -45dB Min. @30MHz. TX to RX  
 -40dB Min. @60MHz. TX to RX  
 -35dB Min. @100MHz. TX to RX
4. Com. to Com. Mode Rejection : -35dB Min. @1-100MHz TX/RX
5. Hi-Pot: 1500Vrms/2sec. Leakage Current 1mA Max./input to output

### Dimensions & Schematic :



- NOTE :
1. Packaging Information: Tape and Reel according to Item NO. "SO16A" OF DATA SHEET 01-00"
  2. For RoHS compliant products:
    - a.) The UMEC ordering code: **TG-UT12026**
    - b.) Date Code suffix to "G" (xxxxG).
    - c.) Solder : Sn/Ag/Cu .
  3. Specifications are subject to change without prior notice.

UNIT: mm

Tolerances: ±0.25mm



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