

DATA SHEET

UM MODEL NO.:	SPECIFICATIONS	REV.	
UT12033B	10/100BASE-TX Dual Ports Magnetic Module	A1	06/07

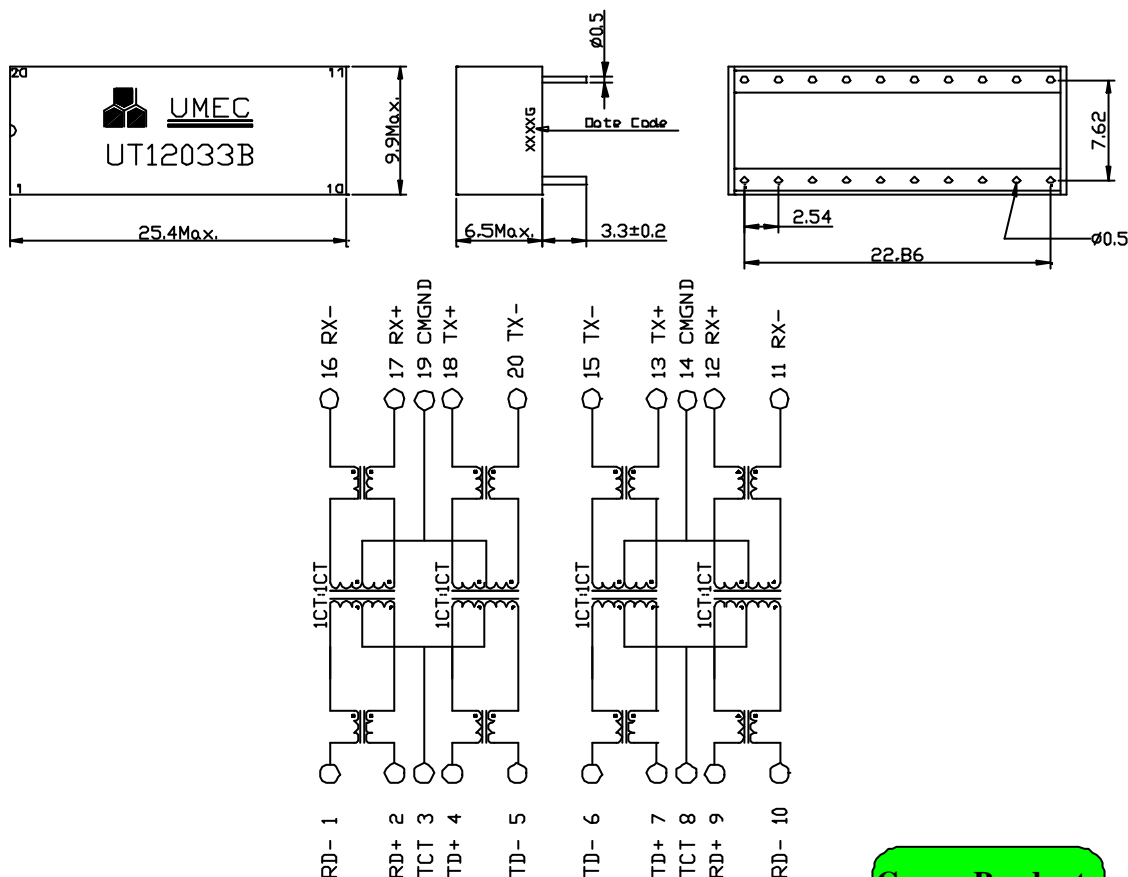
Features:

1. Meets IEEE 802.3 and ANSI X.3.263 standards including 350uH OCL with 8mA bias
2. Designed for auto MDI/MDIX capability
3. Turns Ratio tolerance: $\pm 2\%$
4. Operating temperature: 0°C to +70°C

Electrical Specification @25°C:

1. Insertion Loss: -1.0dB Max. @1--100MHz
2. Return Loss: -18dB Min. @2-30MHz
-17dB Min. @40MHz
-14.5dB Min. @50MHz
-12dB Min. @60-80MHz
3. Com. to Com. Mode Rejection: -35dB Min. @1MHz--100MHz
4. Crosstalk: -30dB min. @1MHz--100MHz Tx to Rx
5. HI-POT: 1500Vrms/2sec. Leakage Current 1mA Max./input to output

Dimensions & Schematic :



- Note: 1. For RoHS compliant products:
- a.) The UMEC ordering code: **TG-UT12033B**
 - b.) Date Code suffix to "G" (xxxxG).
 - c.) Solder : Sn/Cu .
2. Specifications are subject to change without prior notice

UNIT: mm

Tolerances ± 0.25 mm



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