

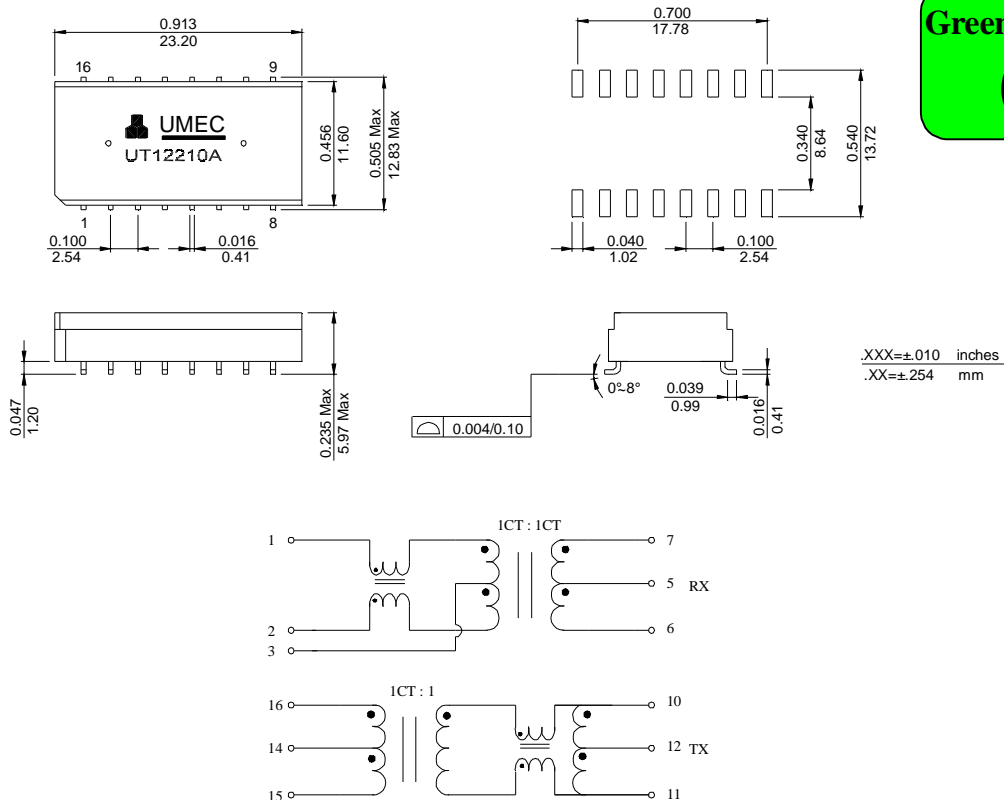
# DATA SHEET

UM MODEL NO.:	SPECIFICATION	REV.	Date
UT12210A	FAST ETHERNET 10BASE-T/100BASE-TX TRANSFORMER MODULES	B2	05/46

### Electrical Specification @25 °C :

- Inductance :350uH Min. @ 100KHz. 0.2V I<sub>dc</sub>=8mA , PIN(7-6) , PIN(16-15).
- Turns Ratio Phase :1CT:1CT± 5% @ 15.75KHz 1V , PIN(1-2):(7-6).  
1CT:1± 5% @ 15.75KHz 1V , PIN(16-15):(10-11).
- Insertion Loss :Tx/Rx -1.0dB Max. @ 0.1-100MHz.
- Return Loss :Tx/Rx -18dB Min. @ 1-30-40MHz  
Tx/Rx -16dB Min. @ 50MHz  
Tx/Rx -12dB Min. @ 60-80MHz
- Diff. to Com. Mode Rejection : -42dB Min. @ 30 MHz  
-36dB Min. @ 60 MHz  
-33dB Min. @ 100MHz
- Cross Talk : -42dB Min. @ 30MHz  
-34dB Min. @ 60MHz  
-30dB Min. @ 100MHz
- HI-POT :1500Vrms/2Sec. Leakage Current 0.5mA Max. PRI to SEC

### DIMENSIONS & SCHEMATIC :



- NOTE: 1. Packaging information-tape and reel according to item no. "TR708" of data sheet 01-00.  
2. For RoHS compliant products:  
a.) UMEC Ordering Code: **TG-UT12210A**  
b.) Date Code suffix to "G" (xxxxG).  
c.) Solder: Sn/Ag/Cu.  
3. Specifications are subject to change without prior notice.

E10-007-C



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