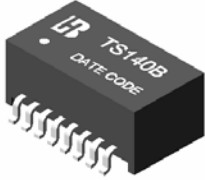


**10 BASE ETHERNET COUPLING TRANSFORMER**

P/N:TS140B DATA SHEET

**Feature**

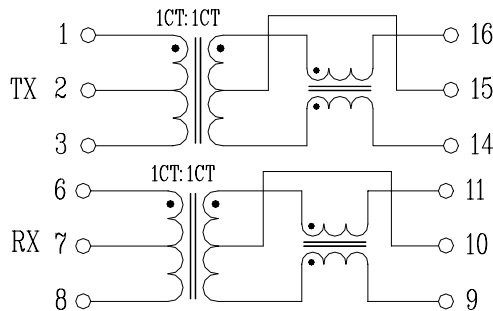


- Low profile package 16 PIN SMD Package to Meet IEEE 802.3 & 10BASE-T Specification.
- Low leakage inductance and winding capacitances for fast rise time.
- High isolation voltages to comply with international safety Requirements for LANS.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -25°C to +125°C.

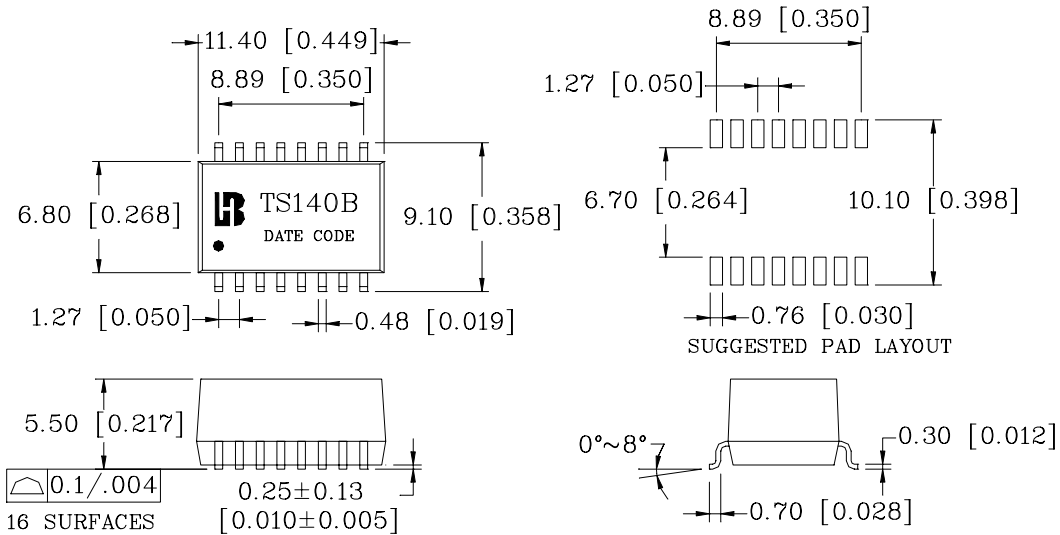
**Electrical Specifications @ 25°C**

Part Number	Turns Ratio (±5%)		Primary OCL (uH Min)	Cw/w (pF Max)	L.L (uH Max)	DCR (Ω Max)	Rise Time (nS Max)	HI-POT (Vrms)
	TX	RX						
TS140B	1CT:1CT	1CT:1CT	140	12	0.3	0.3	5	1500

**Schematic**



**Mechanical**



Units: mm[Inches] Tolerance: xx.x0±0.25[0.010]  
0.xx±0.05[0.002]