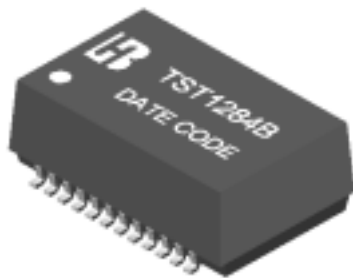


**P/N: TST1284B DATA SHEET****Feature**

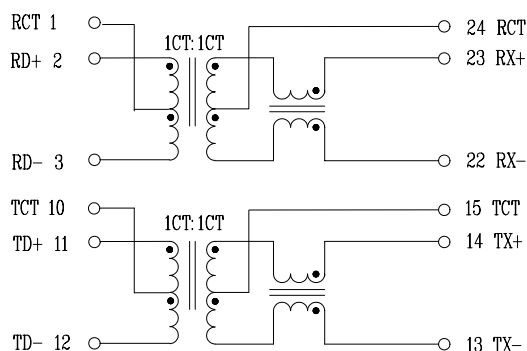
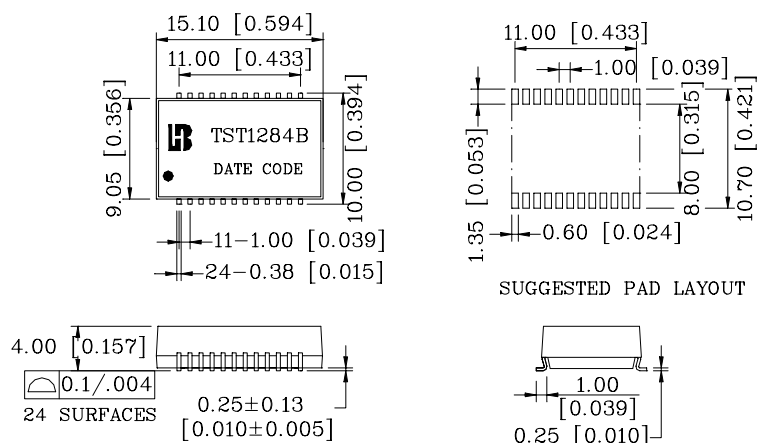
- Designed for long haul gigabit Ethernet 10/100 BASE-T, full duplex applications.
- Supports 4 pairs of category 5 UTP cable.
- Cable interface for isolation and low common mode emissions.
- Compliant with IEEE 802.3ab standard for 10/100 BASE-T.
- Operating temperature range: 0 to +70 .
- Storage temperature range: -25 to +125 .

Electrical Specifications @ 25°C

Part Number	Turns Ratio (±5%)		Cross talk Attenuation (dB Min)			HI-POT (Vrms)
	TX	RX	30MHz	60MHz	100MHz	
TST1284B	1CT:1CT	1CT:1CT	-45	-40	-35	1500

Continue

Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)@ Load 100Ω					DCMR (dB Min)		
	1-100MHz	1-30MHz	40MHz	50MHz	60-80MHz	100MHz	30MHz	60MHz	100MHz
TST1284B	-1.0	-18	-14.4	-13.1	-12	-10	-40	-35	-30

Schematic**Mechanical**

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