P/N: 40ST1140AX DATA SHEET

Feature

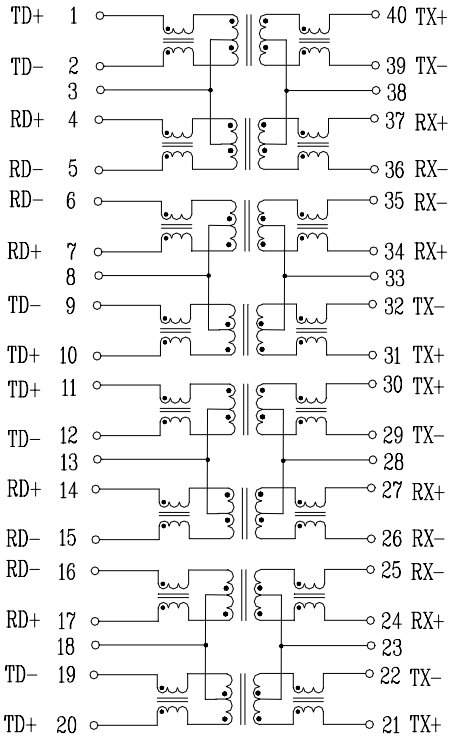


- Symmetrical TX and RX channels for auto MDI/MDIX capability.
- Compliant with IEEE 802.3u and ANSI X 3.263 standards including 350 uH OCL with 8 mA bias.
- Operating temperature range:0℃ to +70℃.
- Storage temperature range:-25℃ to +125℃.

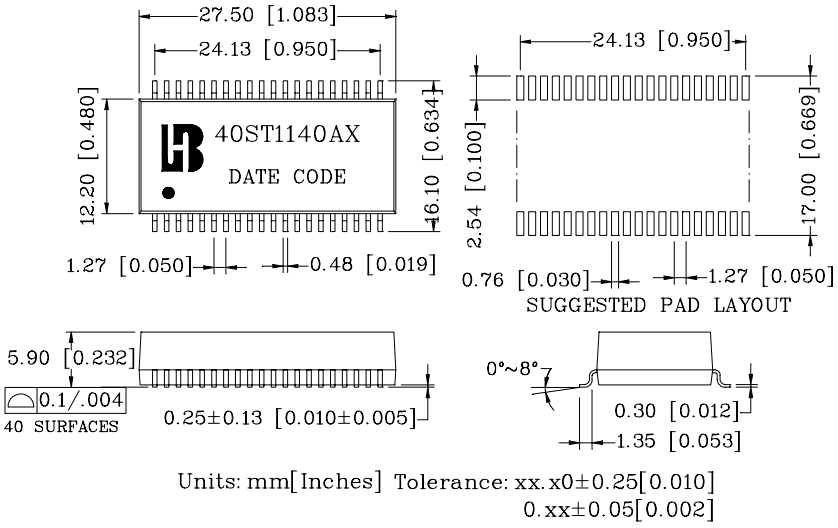
Electrical Specifications @ 25°C								
Part Number	Turns Ratio (±5%)		OCL(uH Min) @ 100KHz/0.1V	Insertion Loss (dB Max)	Return Loss (dB Min)			
	TX	RX	8mA DC Bias	0.1-100MHz	2-3MHz	40MHz	50MHz	60-80MHz
40ST1140AX	1CT:1CT	1CT:1CT	350	-1.0	-18	-14.4	-13.1	-12

Continue						
Part Number	Cross talk (dB Min)		DCMR (dB Min)			HI-POT (Vrms)
	0.3-60MHz	60-100MHz	60MHz	100MHz	200MHz	
40ST1140AX	-40	-35	-40	-33	-25	1500

Schematic



Mechanical



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