

P/N: 40ST1041AX-Y DATA SHEET

Feature

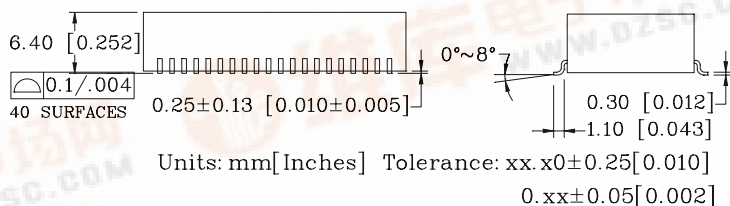
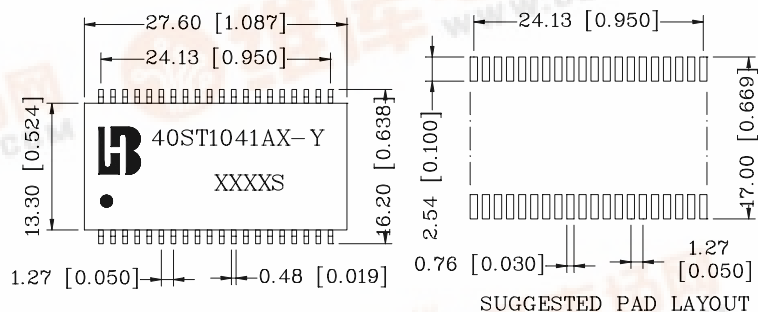
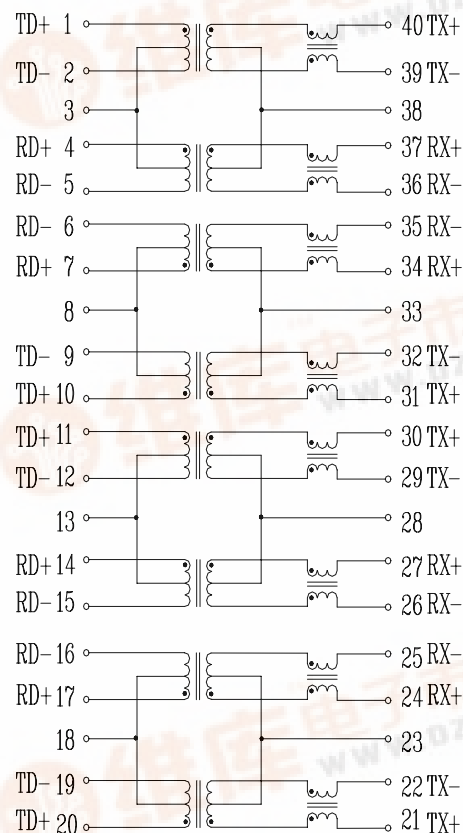


- IEEE 802.3 Ethernet compatible .
- 100 Base-TX Surface mountable .
- Design for multiport repeater and Ethernet switching HUB application .
- Customer designs available for specific application.
- Operating temperature range : 0°C to +70°C .
- Storage temperature range: -25°C to +125°C .

Part Number	Turns Ratio (±5%)		OCL(μ H Min) @100KHz/0.1Vrms 8mA DC/Bias	L.L (μ H Max)	C _{W/W} (pF Max)	HI-POT (Vrms)	Rise Time (nS Typ)
	TX	RX					
40ST1041AX-Y	1CT:1CT	1CT:1CT	350	0.4	56	1500	3.0

Part Number	Insertion Loss	Return Loss			Cross talk		DCMR		
	(dB Max)	(dB Min)			(dB Min)		(dB Min)		
	0.3–100MHz	0.3-30MHz	30-60MHz	60-80MHz	0.3-60MHz	60-100MHz	60MHz	100MHz	200MHz
40ST1041AX-Y	-1.15	-16	-12	-10	-45	-35	-37	-28	-25

Mechanical



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

 $0.xx \pm 0.05 [0.002]$ 