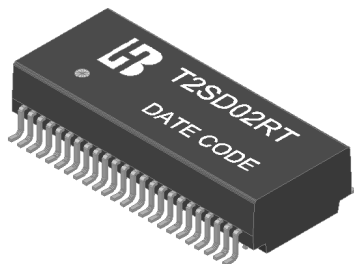


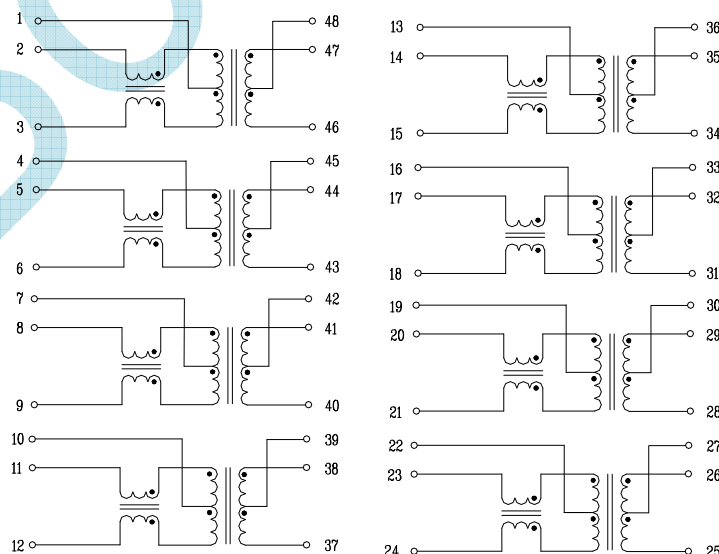
Feature



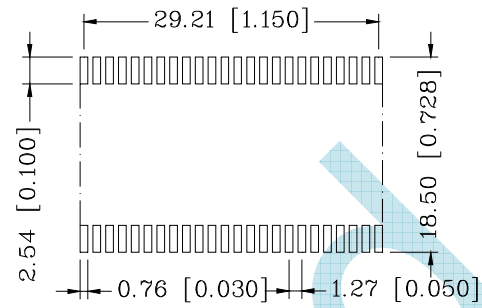
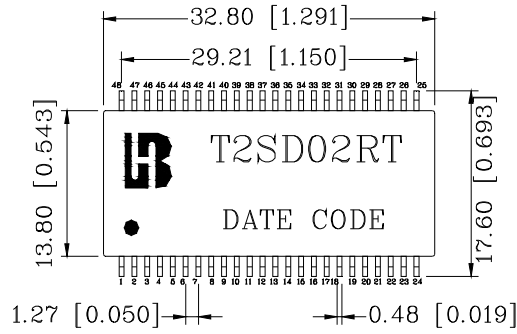
- Complying with IEEE 802.3an standard.
- POE applications with 600mA current capability.
- Complying with ROHS & Halogen Free requirements.
- Operating temperature range: -40°C to +90°C.
- Storage temperature range: -40°C to +90°C.

Electrical Specifications @ 25°C							
Part Number	Turns Ratio (±5%)		OCL (uH Min) @100KHz/0.1V	L.L (uH Max)	C _{w/w} (pF Max)	DCR (Ω Max)	HI-POT
	TX	RX					
T2SD02RT	1CT:1CT	1CT:1CT	100	0.5	28	1.0	AC1500V/1mA
Continue							
Part Number	Insertion Loss (dB Max)			Return Loss (dB Min)@Load 100Ω			
	1-300MHz	400MHz	500MHz	1 ≤ f ≤ 40 MHz	40 < f ≤ 400 MHz	400 < f ≤ 500 MHz	
T2SD02RT	-1.0	-1.5	-2.0	-18	-(18-10 log ₁₀ (f/40))	-(8-30 log ₁₀ (f/400))	
Continue							
Part Number	Cross talk (dB Min)		DCMR (dB Min)				
	1-100 MHz	100-500 MHz	1-250 MHz	250-500 MHz			
T2SD02RT	-40	-30	-30	-22			

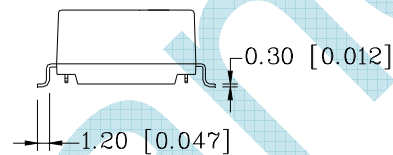
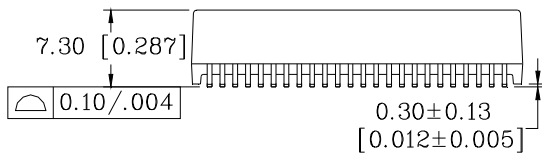
Schematic



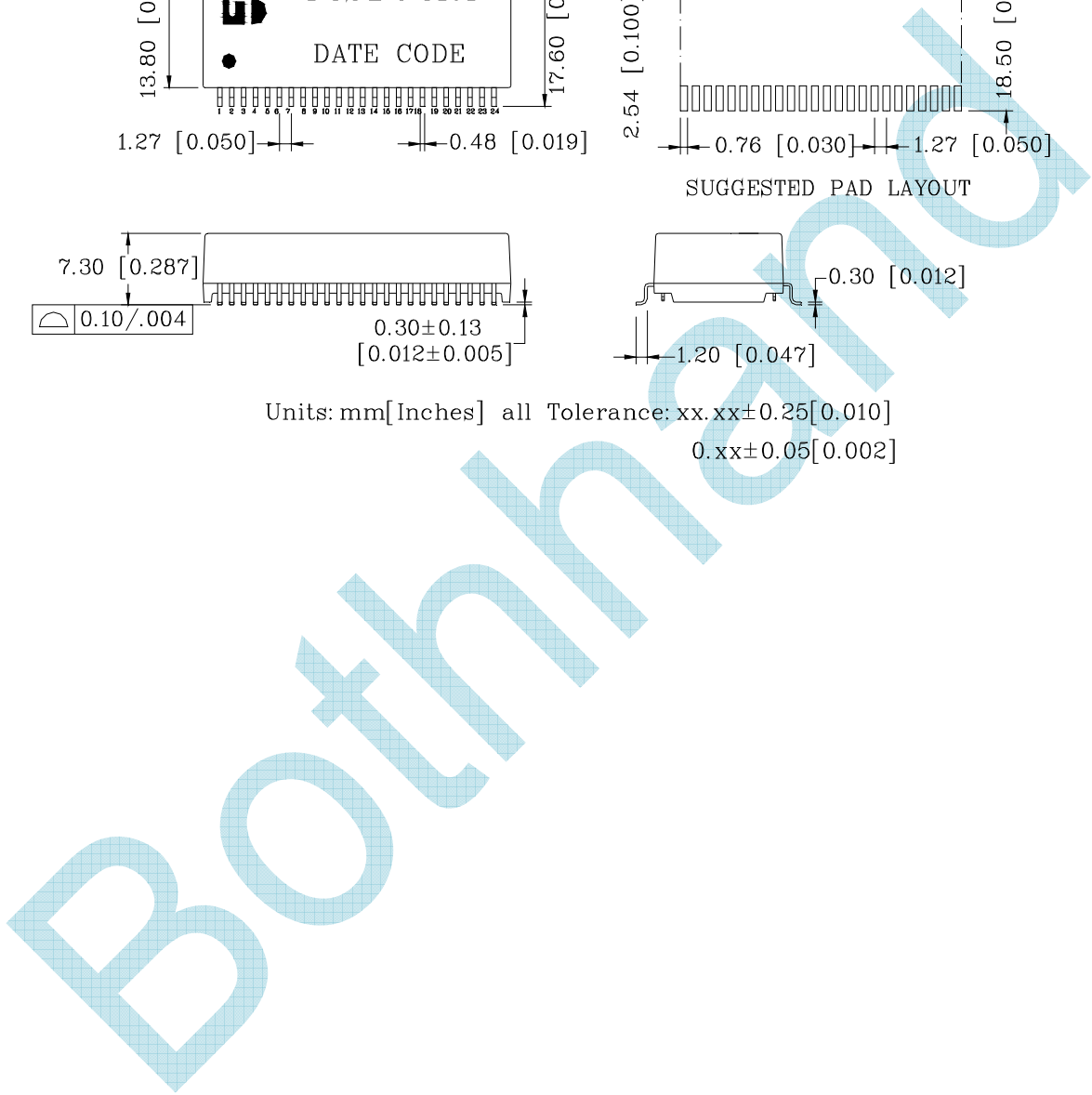
Mechanical



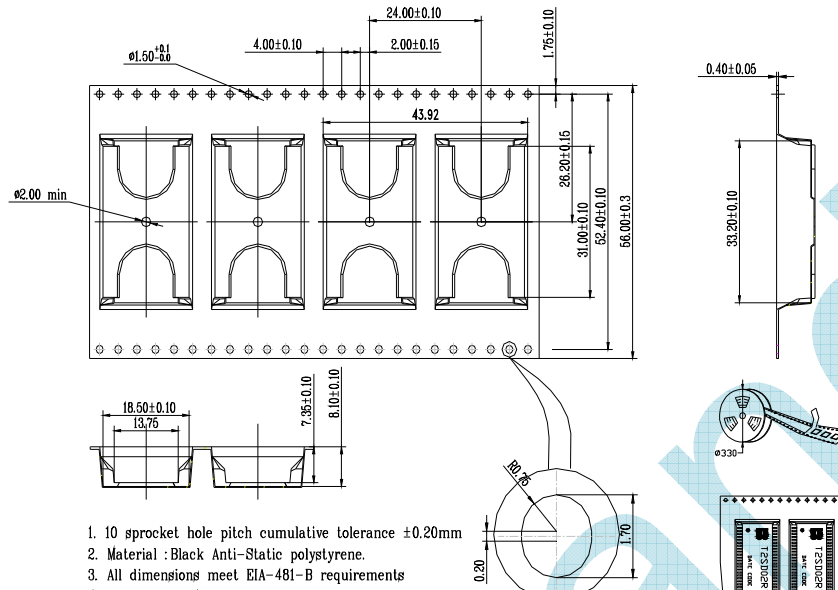
SUGGESTED PAD LAYOUT



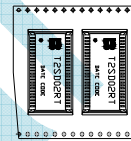
Units: mm[Inches] all Tolerance: xx.xx±0.25[0.010]
0.xx±0.05[0.002]



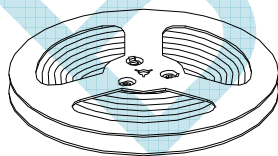
REEL PACKAGE



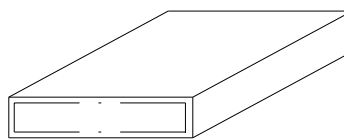
1. 10 sprocket hole pitch cumulative tolerance $\pm 0.20\text{mm}$
2. Material : Black Anti-Static polystyrene.
3. All dimensions meet EIA-481-B requirements
4. Thickness : $0.40\pm 0.05\text{mm}$
5. Component load per 13" reel : 300 pcs
6. Packing length per 22" reel: 26 Meters.
7. Carrier camber is within 1 mm in 250 mm.



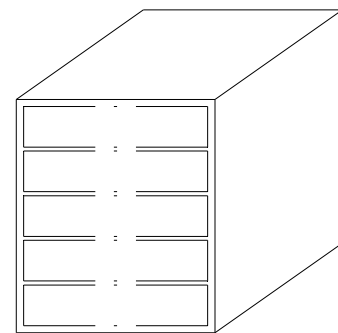
CARTON PACKAGE



REEL



INNER BOX: 347x347x82



OUTER CARTON: 375x375x470

1. 1 Reel=300PCS
2. 1 INNER BOX=1 Reel=300PCS
3. 1 OUTER CARTON=5 INNER BOX=5x300=1500PCS