



P/N: 40PT1140AX DATA SHEET

Feature



- Compliant with IEEE 802.3u and ANSI X 3.263 standards including 350 uH OCL with 8 mA bias.
- Symmetrical TX and RX channels for auto MDI/MDIX capability.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -25°C to +105°C.

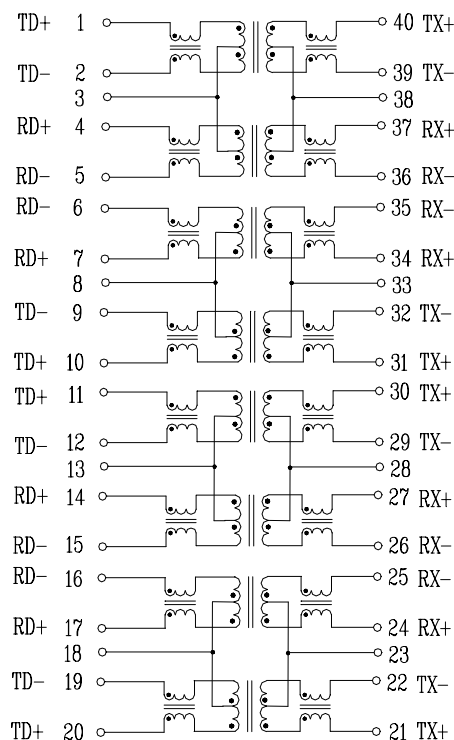
Electrical Specifications @ 25°C

Part Number	Turns Ratio (±5%)		OCL(uH Min) @100KHz/0.1V with 8mA DC Bias	Insertion Loss (dB Max)	HI-POT (Vrms)
	TX	RX		0.1-100MHz	
40PT1140AX	1CT:1CT	1CT:1CT	350	-1.0	1500

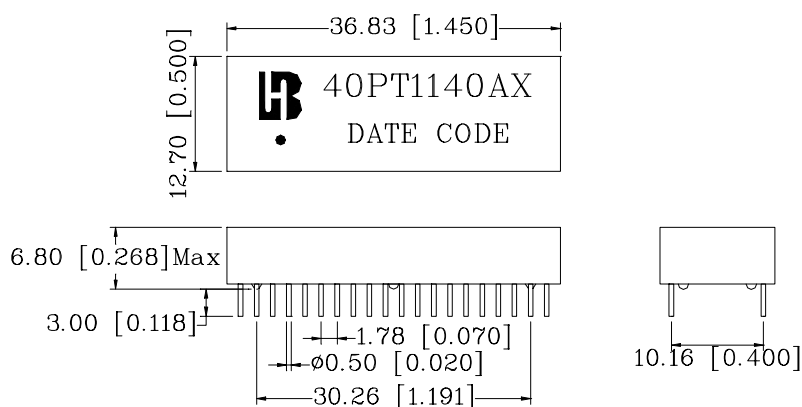
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Part Number	Cross talk (dB Min)	DCMR (dB Min)	Return Loss (dB Min)			
	0.3-100MHz	0.3-100MHz	2-3MHz	40MHz	50MHz	60-80MHz
40PT1140AX	-35	-30	-18	-14.4	-13.1	-12

Schematic



Mechanical



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