P/N: 40PT1041AX DATA SHEET

Feature



- Compliant with IEEE 802.3 E and ANSI X3.263 standards including 350uH OCL with 8mA Bias.
- Symmetrical TX and RX channels for Auto MDI/MDIX capability.
- Operating temperature range : 0℃ to +70℃.
- Storage temperature range: -25℃ to +105℃.

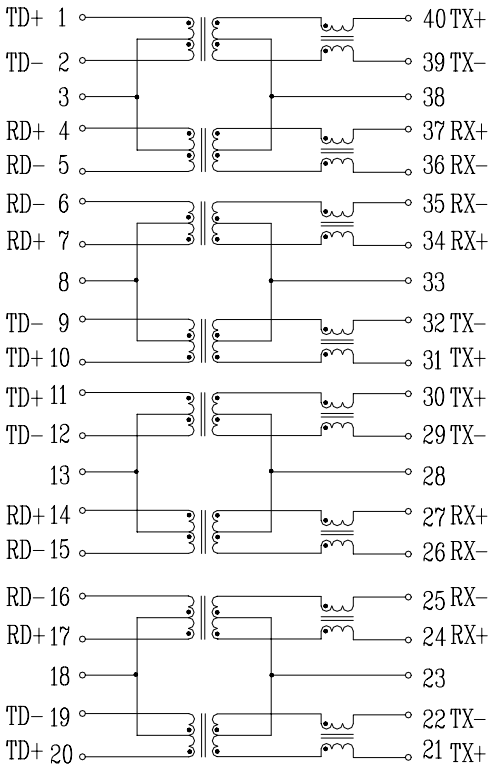
Electrical Specifications @ 25°C

Part Number	Turns Ratio (±5%)		OCL(uH Min) @100KHz/0.1V 8mA DC Bias	L.L (uH Max)	$C_{W/W}$ (pF Max)	Rise Time (nS Typ)	HI-POT (Vrms)
	TX	RX					
40PT1041AX	1CT:1CT	1CT:1CT	350	0.4	56	3.0	1500

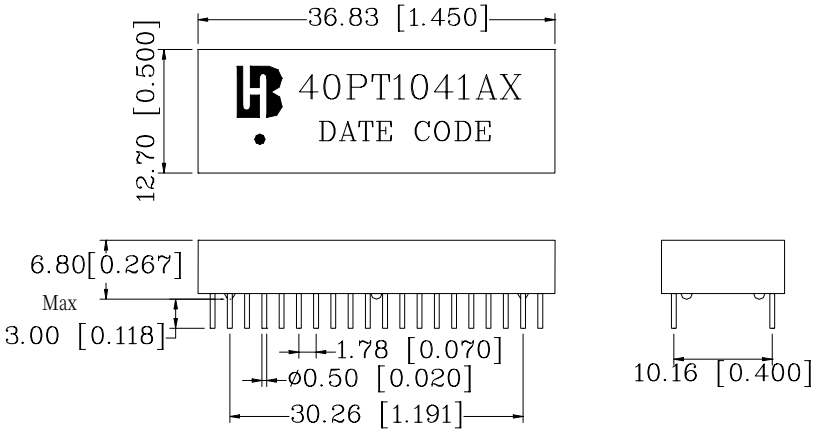
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Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)			Cross talk (dB Min)	DCMR (dB Min)
	0.3–100MHz	0.3-30MHz	30-60MHz	60-80MHz	0.3-100MHz	0.3-100MHz
40PT1041AX	-1.15	-16	-12	-10	-35	-30

Schematic



Mechanical



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