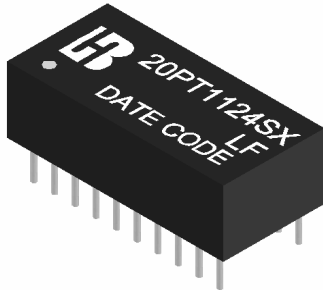


**10/100 BASE-TX LAN MAGNETICS
FOR AUTO MDI/MDIX APPLICATION
P/N:20PT1124SX LF DATA SHEET**



Feature



- Compliant with IEEE 802.3u and ANSI X3.263 standards including 350uH OCL with 8mA Bias.
- Symmetrical TX and RX channels for Auto MDI/MDIX capability.
- Compliance with ROHS requirements.
- Operating temperature range : 0°C to +70°C.
- Storage temperature range: -25°C to +85°C.

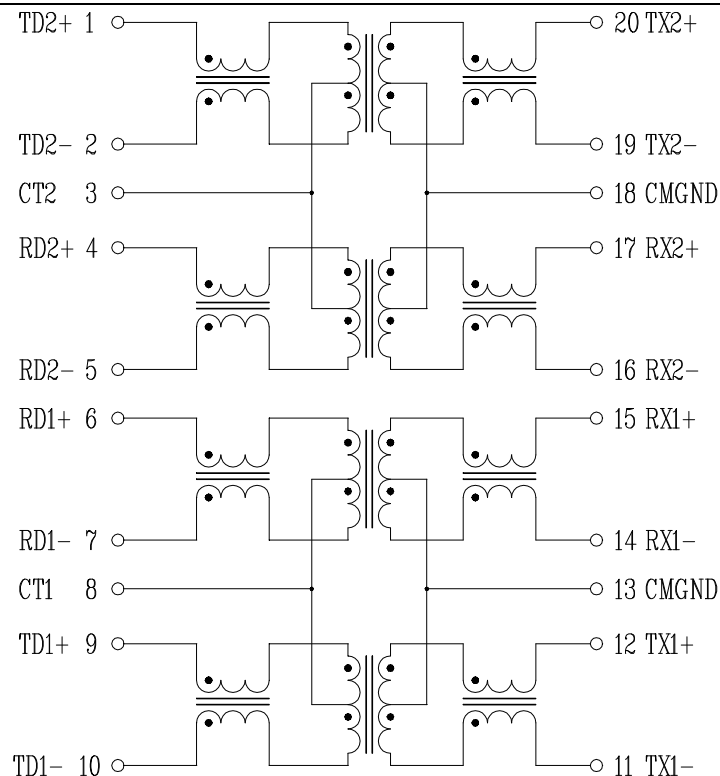
Electrical Specifications @ 25°C

Part Number	Turns Ratio (±5%)		OCL(μ H Min) @100KHz/0.1V with 8mA DC/Bias	DCR (Ω Max)	HI-POT (Vrms)
	TX	RX			
20PT1124SX LF	1CT:1CT	1CT:1CT	350	0.9	1500

Continue

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
20PT1124SX LF	-1.1	-18	-14	-12	-35	-30

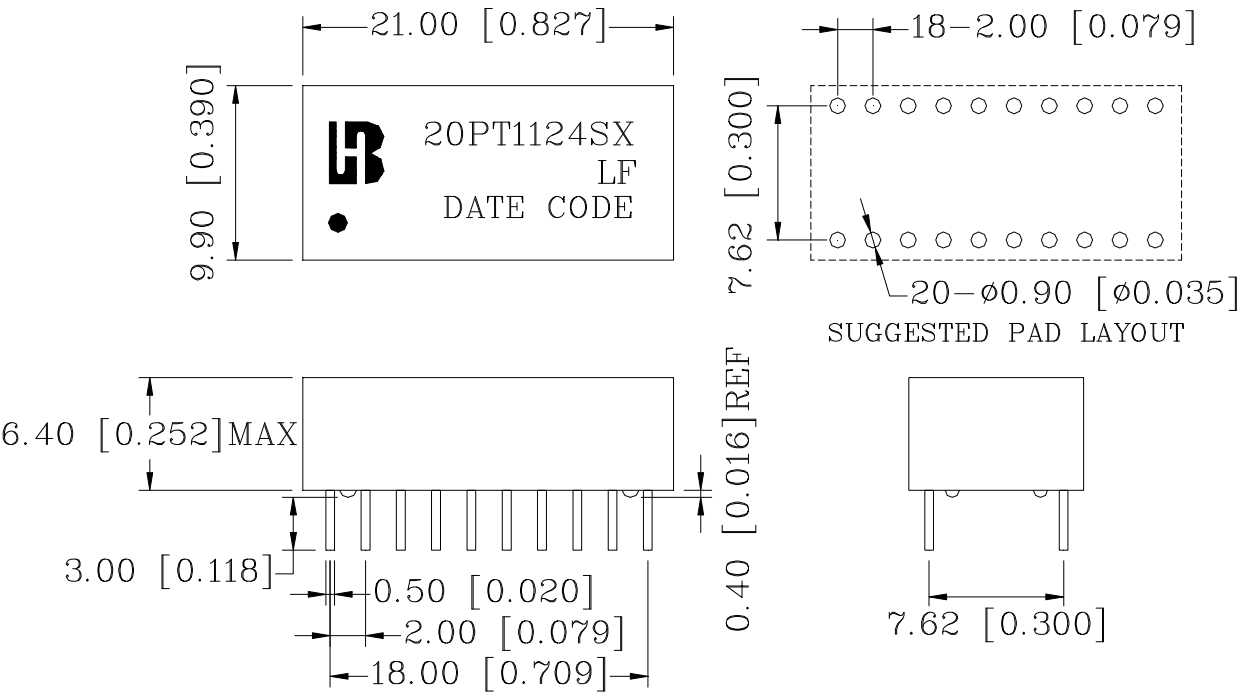
Schematic



10/100 BASE-TX LAN MAGNETICS
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Mechanical



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