



**Feature**



- Compliant with IEEE 802.3af and ANSI X3.263 standards including 350uH OCL with 8mA Bias.
- Symmetrical TX and RX channels for Auto MDI/MDIX capability.
- Comply with ROHS
- Operating temperature range: -0°C to +70°C.
- Storage temperature range: -40°C to +85°C.

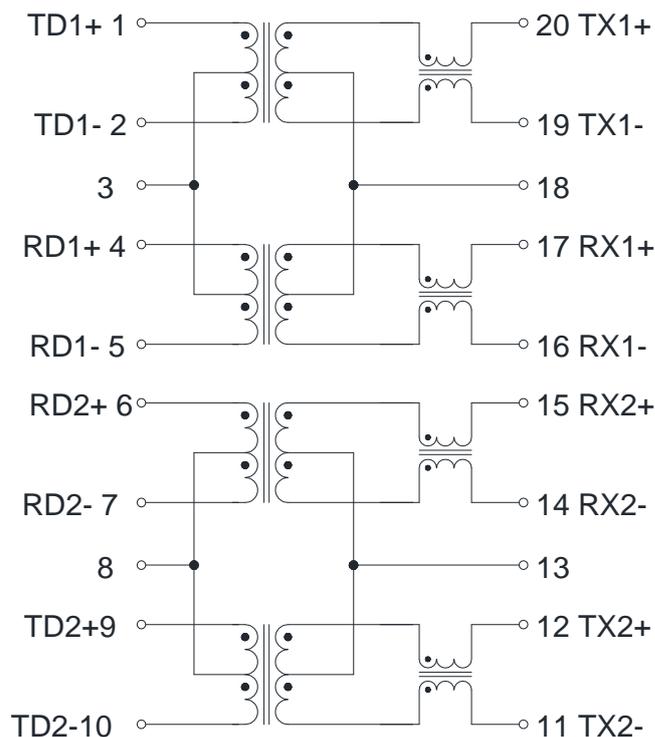
**Electrical Specifications@25°C**

Part Number	Turns Ratio (±5%)		OCL(uH Min) @100KHz/0.1V With 8mA DC Bias	Cw/w (pF Max)	Insulation resistance (MΩ)@50V	DCR (Ω Max)	HI-POT (Vrms)
	TX	RX					
ML20T04RS	1CT:1CT	1CT:1CT	350	56	10000	1.1	1500

**Continue**

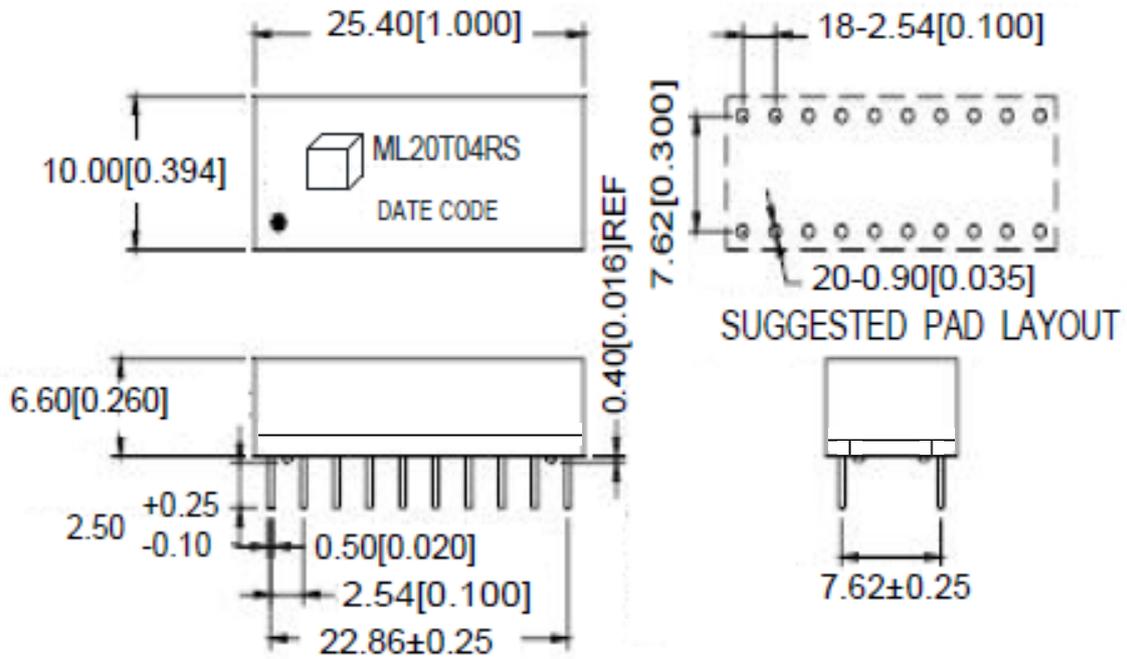
Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)			Cross talk (dB Min)	DCMR (dB Min)
		0.3-30MHz	30-60MHz	60-80MHz		
ML20T04RS	-1.1	-18	-14	-12	-35	-30

**Schematic**





Mechanical



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