



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.
- Comply with ROHS & Halogen Free requirements.
- Operating temperature range: -0°C to +70°C.
- Storage temperature range: -25°C to +125°C.

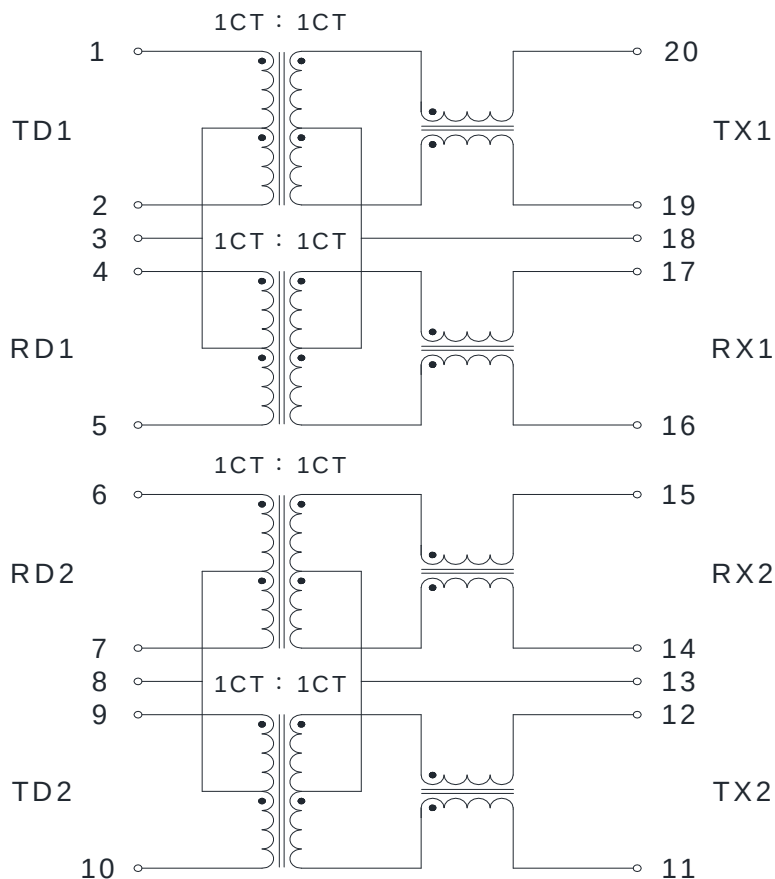
Electrical Specifications@25°C

Part Number	Turns Ratio (±5%)		OCL(uH Min) @100KHz/0.1V With 8mA DC Bias	Cw/w (pF Typ)	L.L (uH Max)	DCR (Ω Max)		HI-POT (Vrms)
	1-3:16-14	6-8:11-9				1-3/6-8	16-14/11-9	
ML20T01RS	1CT:1CT	1CT:1CT	350	50	0.5	1.2	1.2	1500

Continue

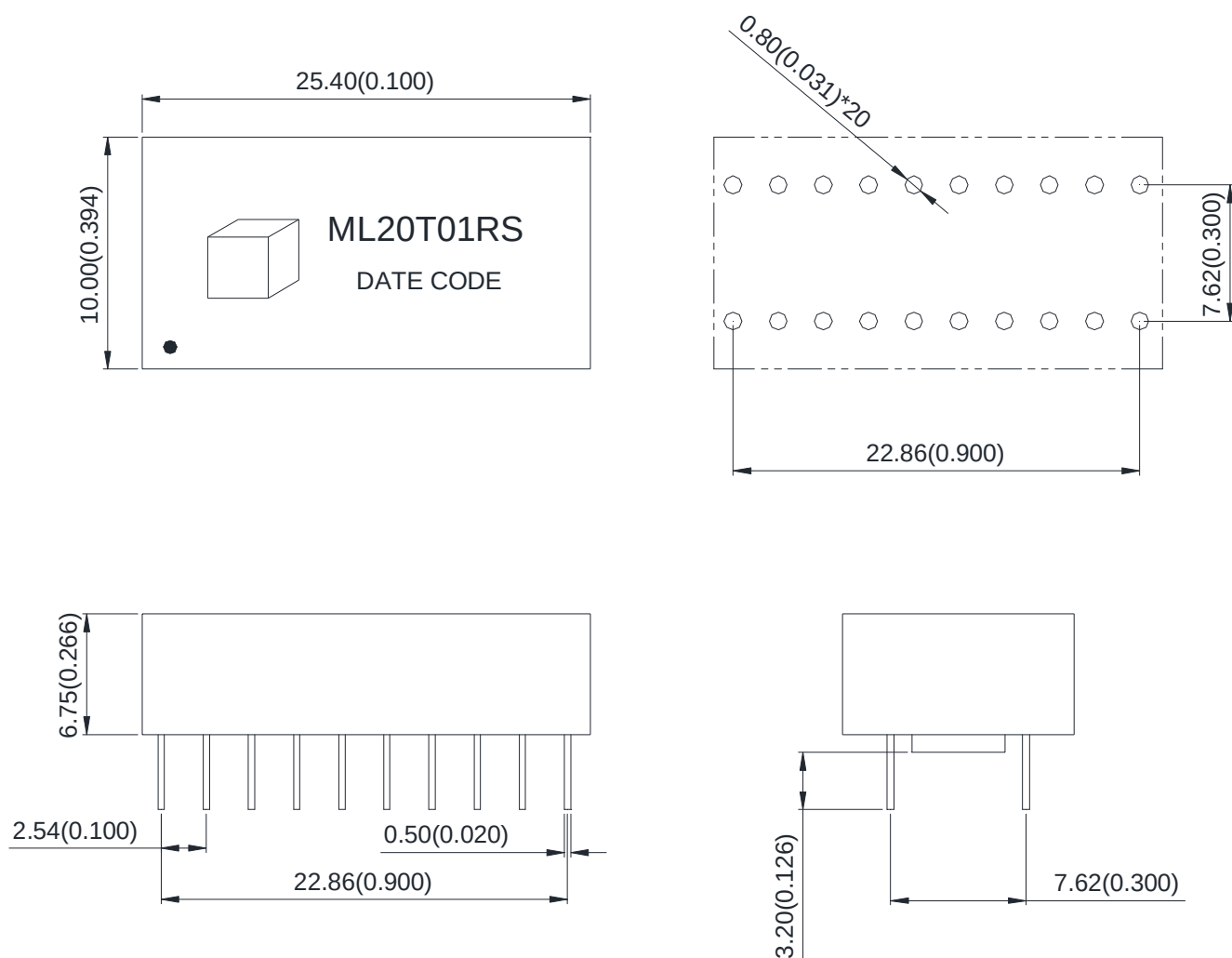
Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)			Cross talk (dB Min)		DCMR (dB Min)
	0.5-100MHz	0.5-30MHz	30.1-60MHz	60.1-80MHz	0.5-40MHz	40.1-100MHz	0.5-100MHz
ML20T01RS	-1.1	-18	-18+20log(f/30)	-12	-35	-33+20 log(f/50)*	-30

Schematic





Mechanical



Dimensions: mm

Unless otherwise specified, all tolerances are ± 0.25