



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 (±3%)		OCL(uH Min) @100KHz/0.1V With 8mA DC Bias	Cw/w (pF Max)	L.L (uH Max)	DCR (Ω Max)		HI-POT (Vrms)
	TX	RX				TX	RX	
ML12T04RS	1CT:1CT	1CT:1CT	350	56	0.5	1.1	1.1	1500

Continue

Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)			Cross talk (dB Min)	DCMR (dB Min)
	1-100MHz	1-30MHz	50MHz	60-80MHz	0.3-100MHz	0.3-100MHz
ML12T04RS	-1.2	-15	-13	-11	-35	-30

Schematic



