

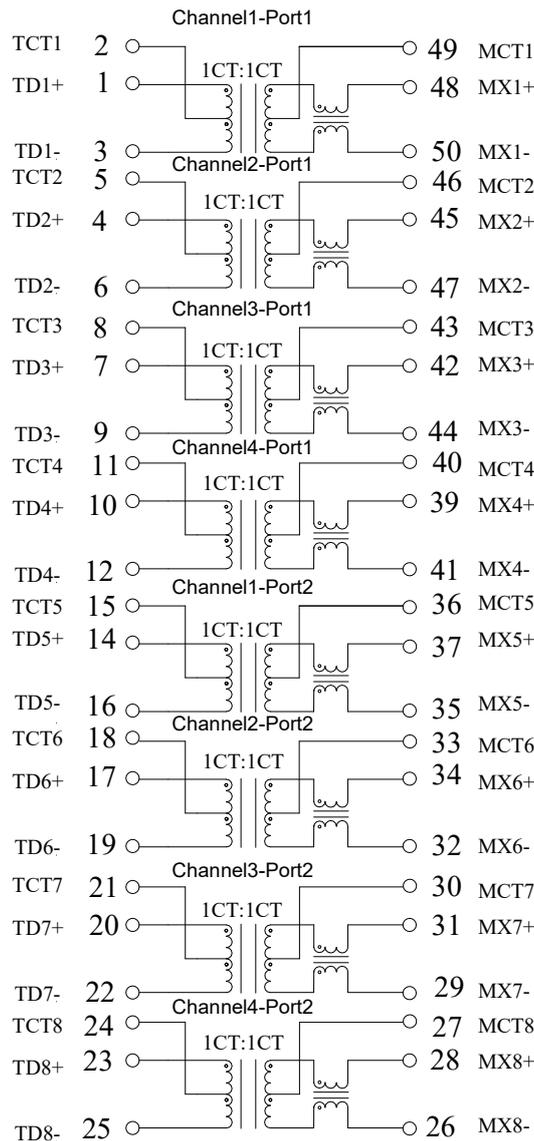


- Design for 2.5G ethernet application
- Comply with RoHS requirements
- Operating temperature range: 0°C to +90°C
- Storage temperature range: -40°C to +125°C

Electrical Specifications @ 25°C						
Part Number	Turns Ratio	OCL (uH Min)	Cross talk (dB Min)		DCR (Ω Max)	HI-POT (Vrms)
		@100KHz/0.1V	1-40MHz	40-125MHz		
ML50S20RS	1:1±3%	180	-35	-35+15log(f/40)	1.2	1500

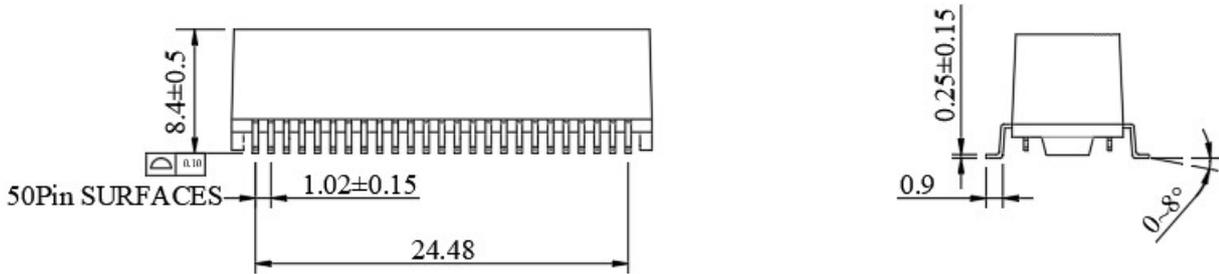
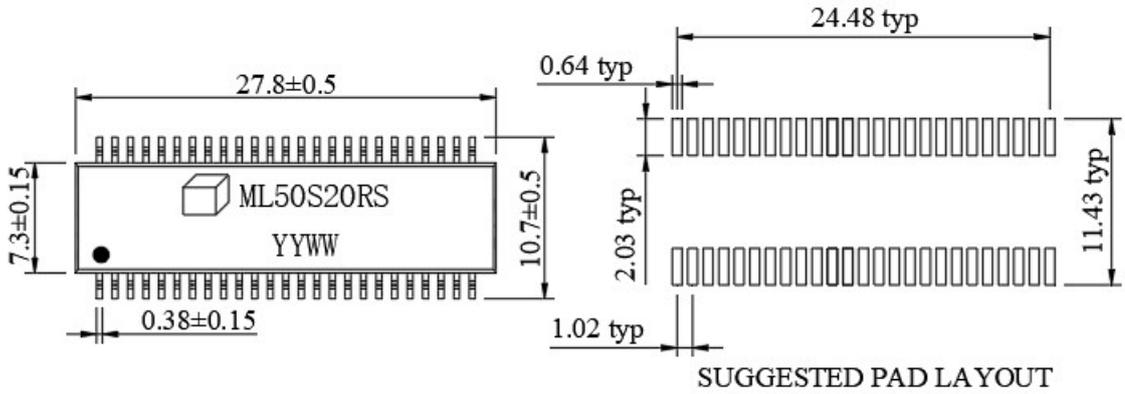
Electrical Specifications @ 25°C						
Part Number	Insertion loss(dB Max)		Return loss(dB Min)		CMRR(dB Min)	
	1-100 MHz	125 MHz	1-40MHz	40-125MHz	1-100MHz	125MHz
ML50S20RS	-1.0	-1.5	-16	-16+10log(f/40)	-30	-25

Schematic





Mechanical



Dimension: mm(inch), Unless otherwise specified, all tolerance are +/-0.25(0.01)