

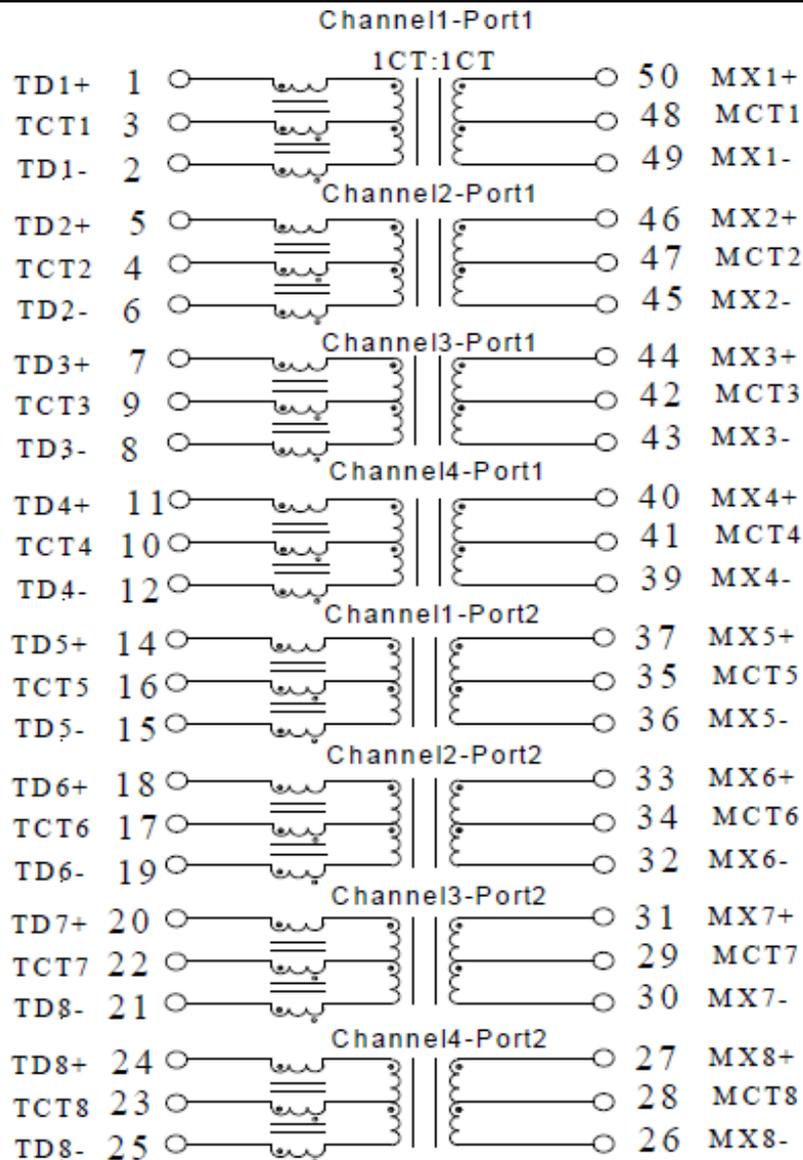


Feature

- Designed to meet IEEE 802.3at Type 1 POE requirement
- Designed for reflow soldering at temperatures up to 260°C
- Primary inductance 350uH min with 8mA DC Bias.
- Compliance with ROHS requirements.
- Meet 350mA current capability.
- Operating temperature range:-40°Cto+85°C
- Storage temperature range:-25°Cto+125°C
- Meet POE Compliant 15.4W Max./Pair, Total 30.8W

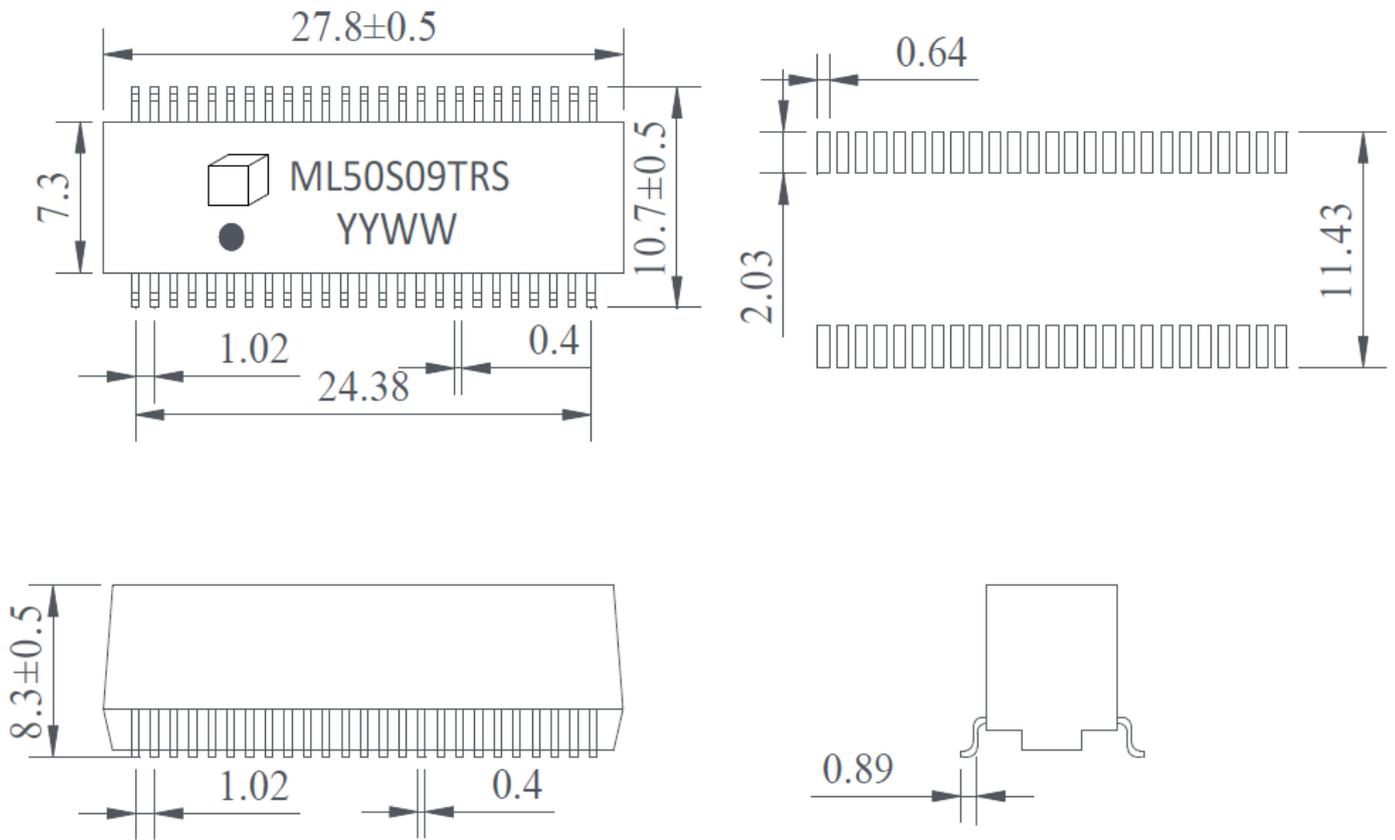
Electrical Specifications @ 25°C															
Part Number	Turn Ratio		Insertion Loss 1~100MHz (dB Max)	Return Loss (dB Min)					Cross Talk (dB Min)			DCMR (dB Min)			Hi-Pot (Vrms)
	Tx	Rx		1-30 MHz	40 MHz	50 MHz	60-80 MHz	100 MHz	30 MHz	60 MHz	100 MHz	30 MHz	60 MHz	100 MHz	
	ML50S09TRS	1CT:1CT		1CT:1CT	-1.0	-18	-14.4	-13.1	-12	-10	-40	-33	-28	-40	

Schematic





Mechanical



Dimension: mm(inch), Unless otherwise specified, all tolerance are $\pm 0.25(0.01)$

1. CMC环四线绕5圈