



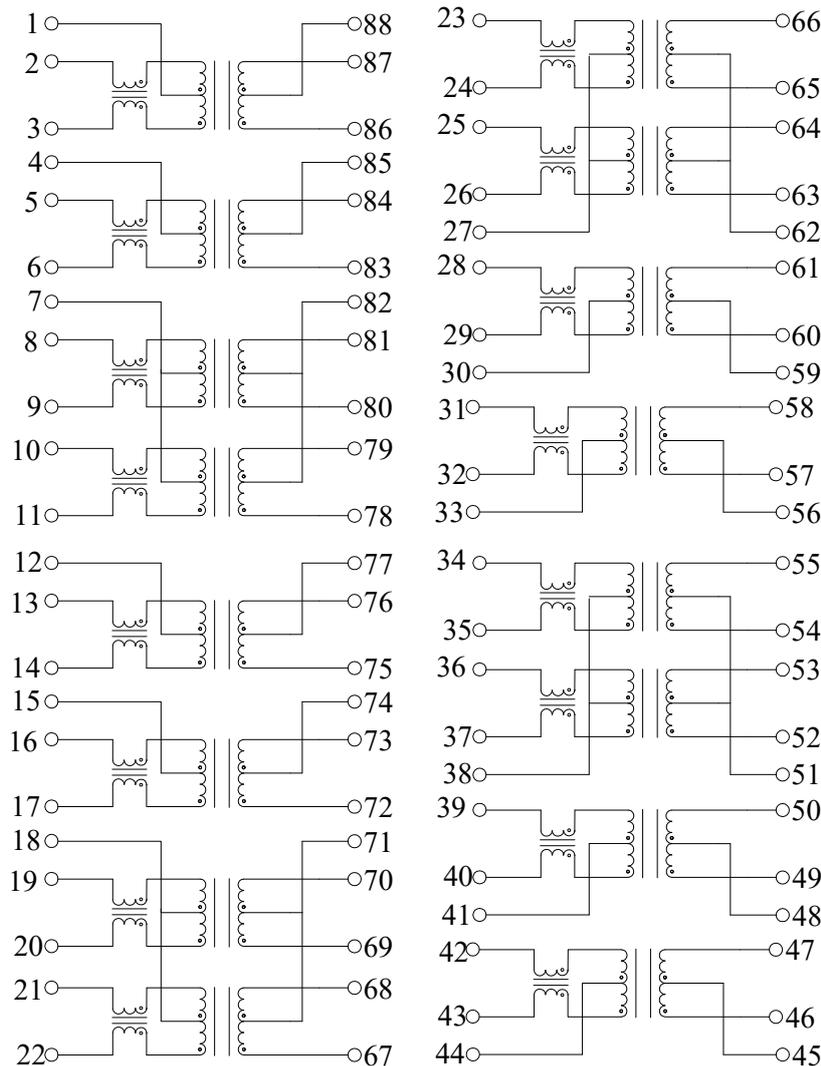
Feature

- Designed to meet IEEE802.3at requirement
- Primary inductance 350uH min with 8mA DC Bias
- Primary inductance 200uH min with 18mA DC Bias
- RoHS Compliant.
- Operating temperature range:0°C to+85°C
- Storage temperature range:-25°C to+125°C
- The part is POE enable with 720mA DC current.

Electrical Specifications @ 25°C

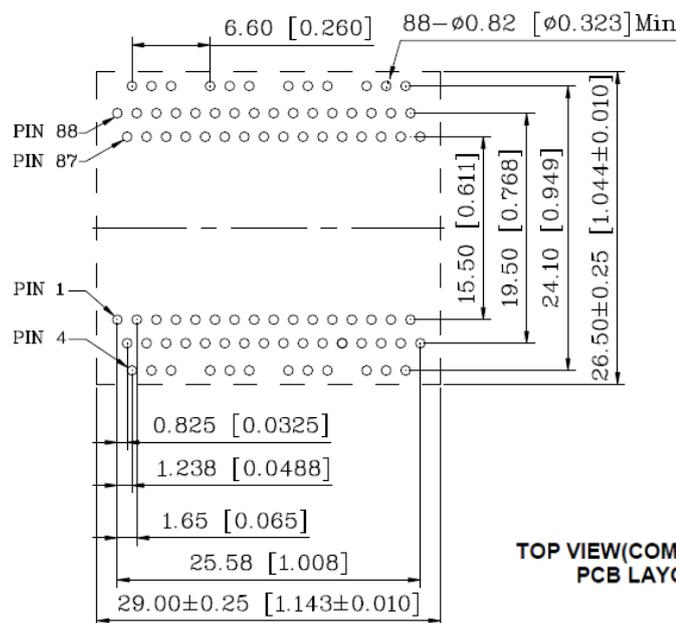
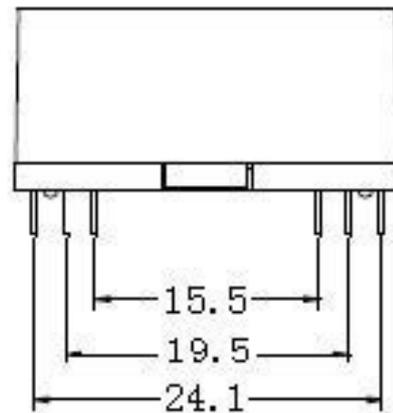
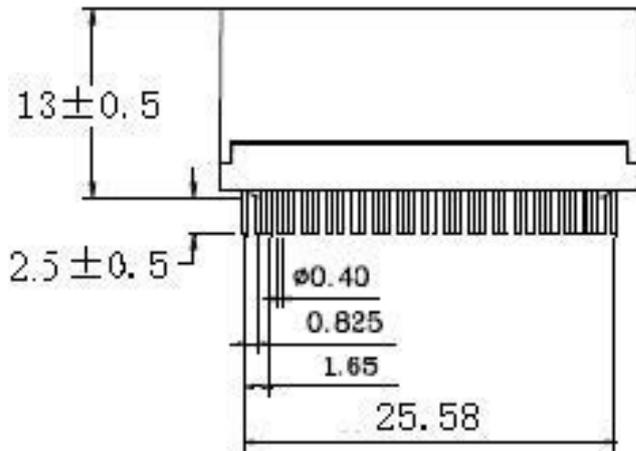
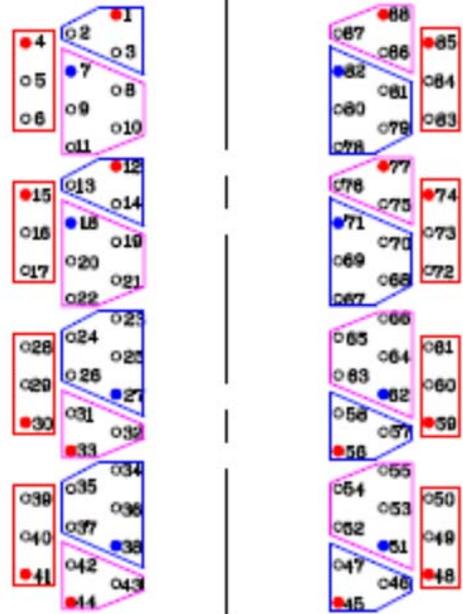
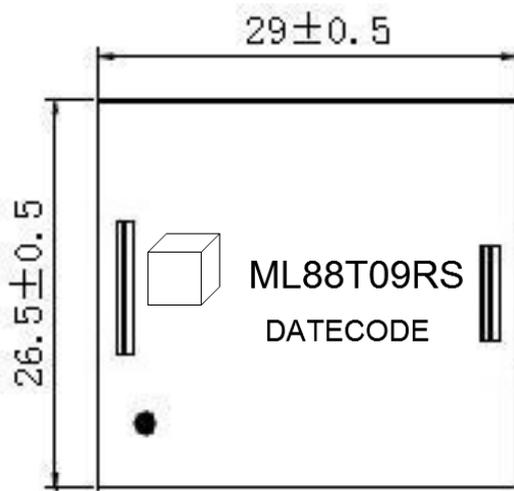
Part Number	Turn Ratio		Insertion Loss 0.5 ~100MHz (dB Max)	Return Loss (dB Min)				Cross Talk (dB Min)			CMRR (dB Min)			Hi-Pot (Vrms)
	Tx	Rx		30 MHz	60 MHz	80 MHz	100 MHz	30 MHz	60 MHz	100 MHz	30 MHz	60 MHz	100 MHz	
ML88T09RS	1:1	1:1	-1.0	-16	-12	-11	-9	-43.5	-37.5	-33	-40	-35	-30	1500

Schematic





Mechanical



Dimension: mm(inch), Unless otherwise specified, all tolerance are ±0.25(0.01)