



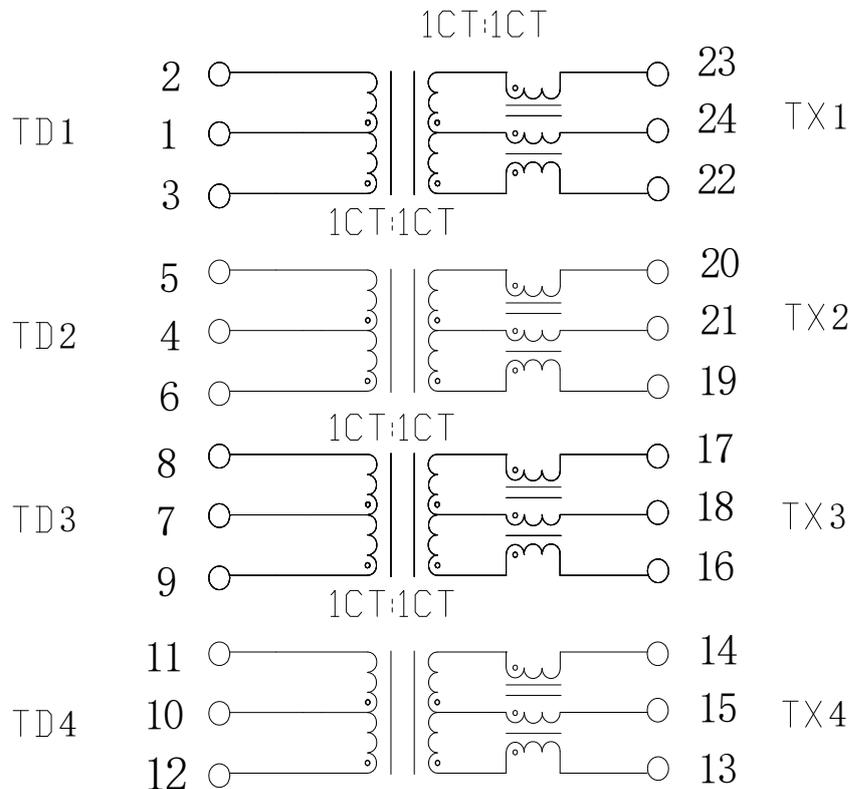
**Feature**

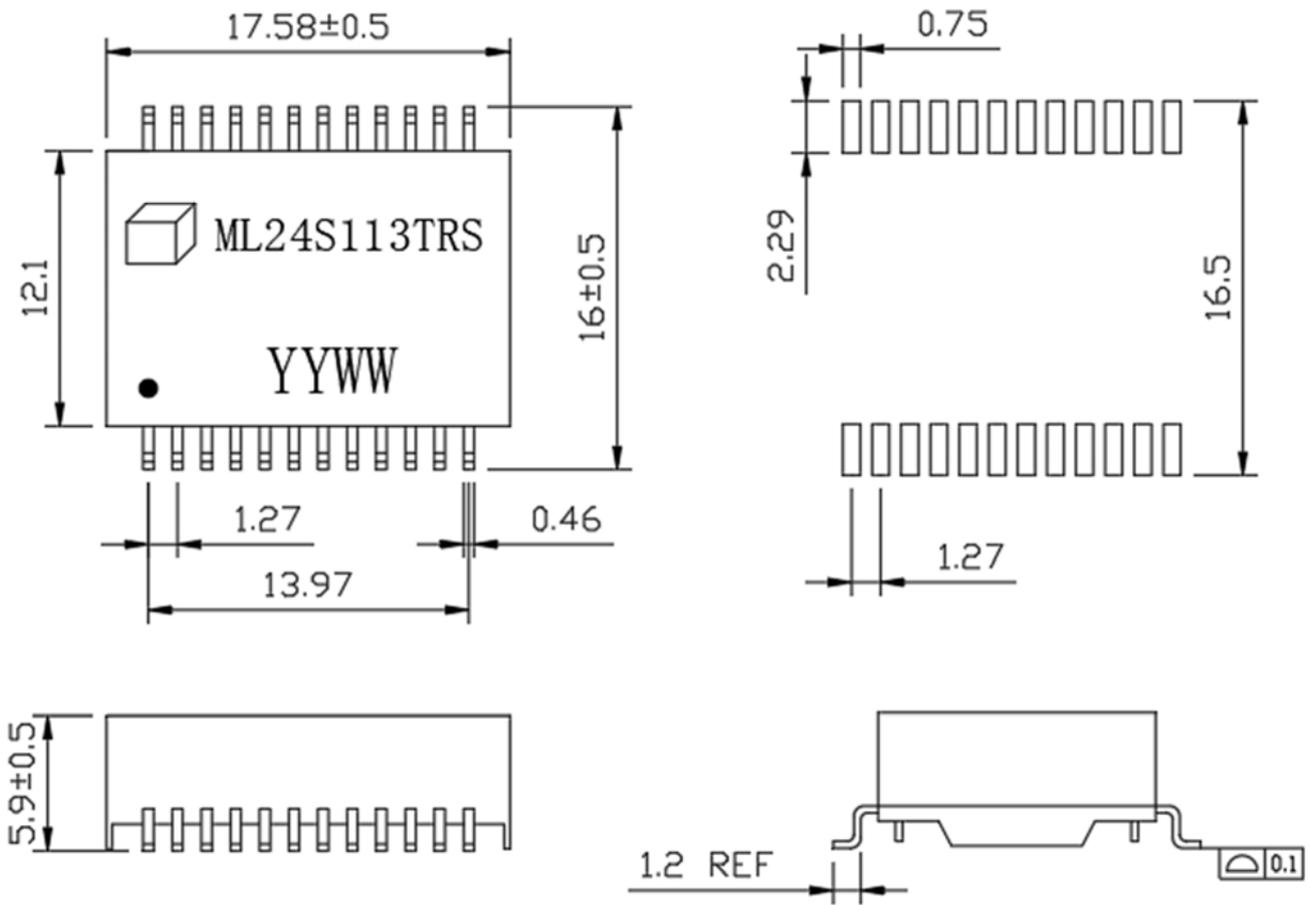
- Designed for 2.5GEthernet application.
- Designed to meet IEEE802.3bt type4 POE++ requirement
- Designed to meet IR 255°C peak requirement.
- ROHS Compliant.
- Meet 1A min. balanced DC current per pair.
- Operating temperature range:-40°C to+85°C.
- Storage temperature range:-40°C to+125°C.
- Meet POE Compliant 52W Max./Pair, Total 104W Max.

**Electrical Specifications @ 25°C**

Part Number	Turn Ratio		Insertion Loss (dB Max)		Return Loss (dB Min)			Cross Talk (dB Min)		DCMR (dB Min)	Hi-Pot (Vrms)
	Tx	Rx	1-100MHz	125~200MHz	1-40MHz	40-80 MHz	100-200MHz	1-100 MHz	400MHz	1-200 MHz	
ML24S113TRS	1:1		-1.0	-2.0	-20.0	-16.0	-12.0	-40	-30	-30	1500

**Schematic**





Dimension:mm

Unless otherwise specified,tolerances: $\pm 0.25$ (mm)

Data sheet subject to change without notice