

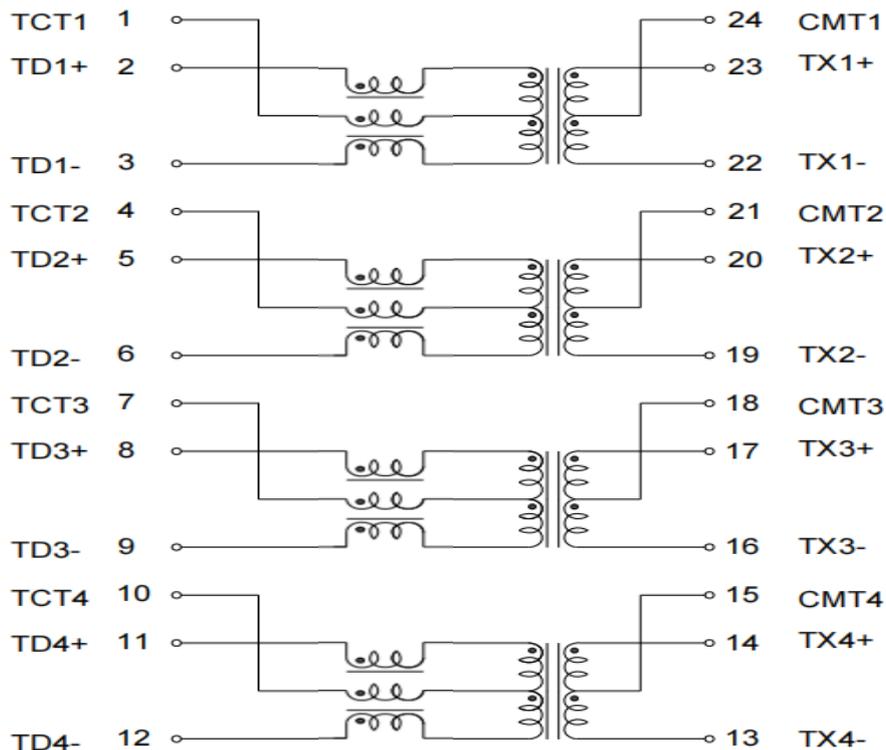


**Feature**

- Designed to Support 10G BASE-T Transceivers
- Operating Temperature -40°C to 100°C
- Storage temperature -40°C to +125°C
- Storage humidity 20 to+75RH.
- Storage time one year.
- MSL: 1 level.
- IEEE802.3bt 720mA Current Capability at cable side , Rated power 60W Max with 4 pair mode
- OCL:120u Hmin@100KHz,100mV,17mA
- Turns Ratio:1CT:1CT±2%
- DCR:1.4ΩMax
- Isolation HI-POT:1500V rms 2mA 60 Second
- Low profile package for PCIE xpress
- RoHS compliance and peak reflow temperature rating 260°C

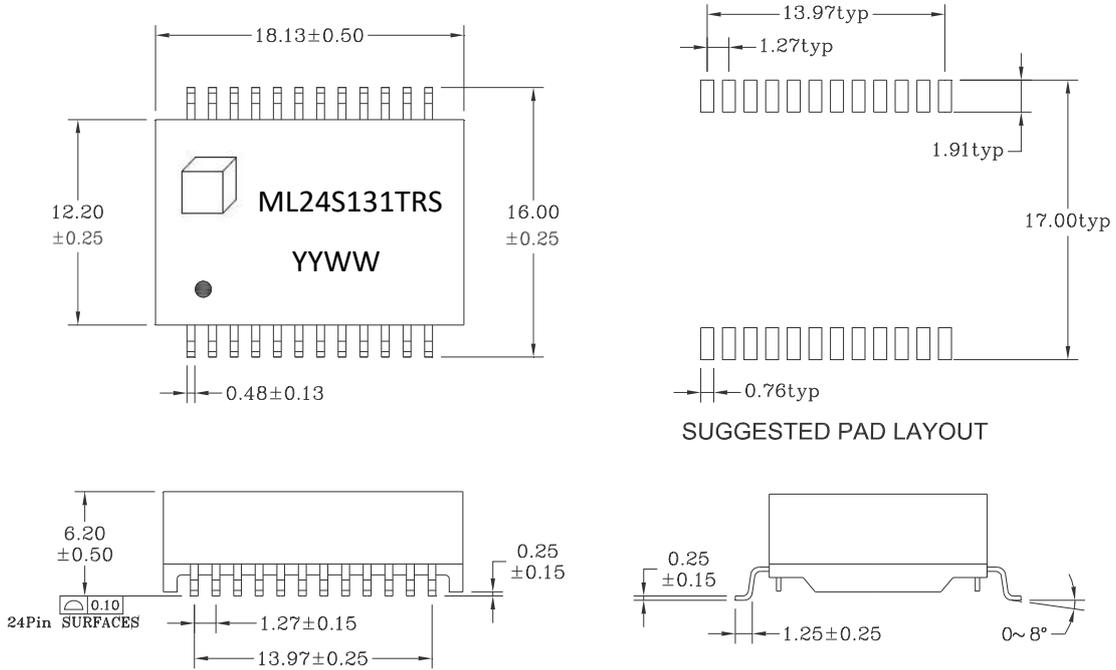
Electrical Specifications@25°C							
Part Number	Insertion Loss dB(max)		Return Loss(dB Min) @Load 100Ω				
	1-100MHz	500MHz	1-40MHz	40-100MHz	100-200MHz	200MHz -300MHz	300MHz-500MHz
ML24S131TRS	-1	-3	-18	-13	-10	-8.2	-6
Part Number	DCMR (dB Min)			Cross talk Attenuation (dBMin)			
	1-100MHz	100 -250MHz	250-500 MHz	1-100MHz	100MHz-500MHz		
ML24S131TRS	-35	-30	-25	-35	-25		

**Schematic**





Mechanical



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