

100/1000 BASE-T ETHERNET ISOLATION TRANSFORMER

MODEL NO: S241503PW



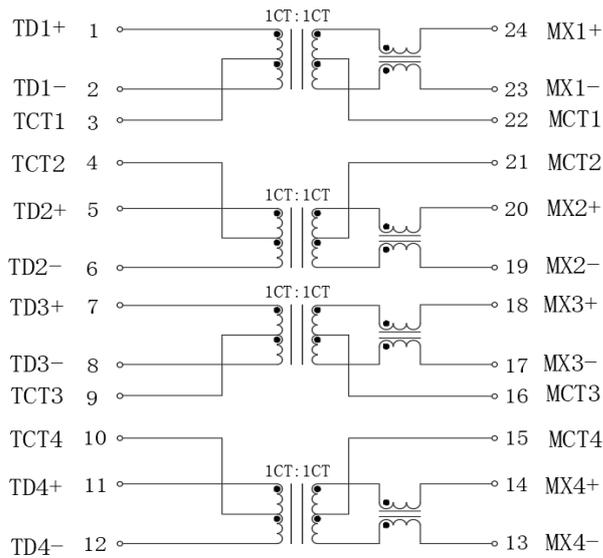
Feature:

- ◆ RoHS Compliant
- ◆ Compliant with IEEE 802.3 standard including baseline wander for 720mA.
- ◆ Compatible With IEEE802.3ab Standard For 1000Base-T
- ◆ Operating Temperature: -0°C to +70°C

Electrical Specifications @ 25°C

Turn Ratio (±3%)	OCL (uH Min) @100KHz/0.1V with 0mADC Bias	L.L (uH Max) @ 100KHz/0.1V	DCR (Max)	Cw/w (pF Max) @100KHz/0.1V	Crosstalk dB Min.			HI-POT (Vrms)
TX/TR 1CT:1CT	350uH min.	0.5	1.2	28	30	60	100	1500
					-40	-35	-30	
Insertion Loss (dB.max)		Return Loss (dB.min)			DCMR (dB.min)			
MHz		MHz			MHz			
0.5-100		0.1-30	40	50	60-80	1-100		
-1		-18	-14	-12	-10	-30		

Schematic:



Mechanical:

