

10/100/1000 BASE-T ETHERNET ISOLATION TRANSFORMER

MODEL NO:S50101



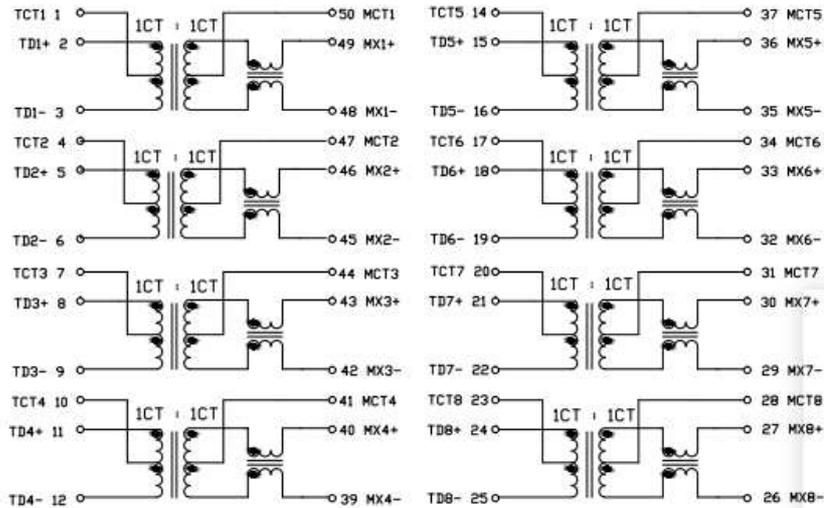
Feature:

- ◆ Meets IEEE 802.3. AT COMPLIANT PERFORMANCE
- ◆ RoHS Compliant
- ◆ Single port configuration
- ◆ Operating Temperature: 0°C~70°C
- ◆ 720mA CURRENT CAPABILITY

Electrical Specifications@25°C

Turn Ratio (±3%)	OCL (uH Min) @100KHz/0.1V with 8mA DC Bias	L. L (uHMax) @ 100KHz/0.1V	DCR (Ω Max)	C w/w (pF Max) @100KHz/0.1V	Cross talk dB Min.			HI-POT (Vrms)
TX/TR 1CT:1CT	350uH min.	0.5	1.2	35	1-30	30-60	60-100	1500
					-40	-35	-30	
Insertion Loss(dB.max)		Return Loss(dB.min)			DCMR(dB.min)			
MHz		MHz			MHz			
0.5-100		1-40	40-60	60-80	100	1-100		
-1		-18	-16	-12	-10	-40		

Schematic:



Mechanical:

