

# 10/100/1000 BASE-T ETHERNET ISOLATION TRANSFORMER

## MODEL NO:D48301



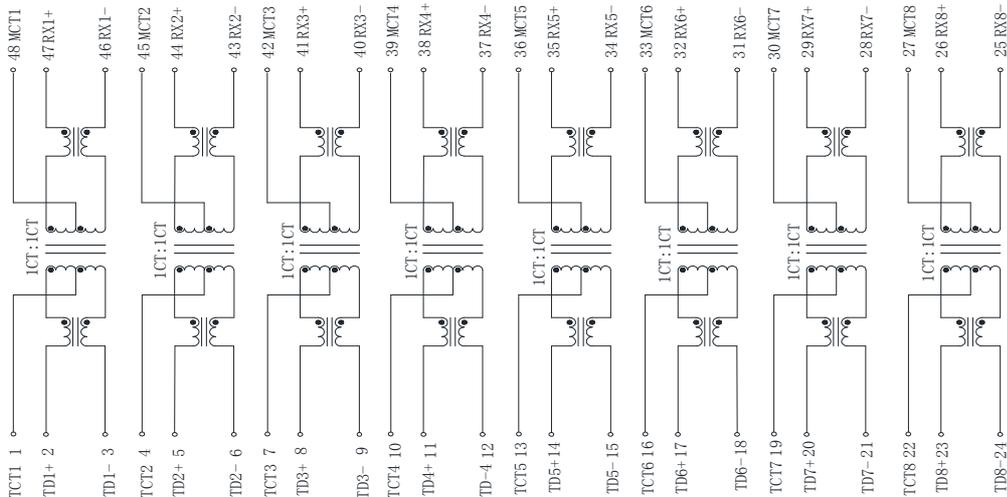
### Feature:

- ◆ Meets IEEE 802.3 standard for 1000BASE-T RoHS Compliant
- ◆ RoHS Compliant
- ◆ Dual port configuration
- ◆ Operating Temperature: 0°C~70°C
- ◆ Meets IEEE 802.3 standard for 1000BASE-T RoHS Compliant
- ◆ RoHS Compliant

### 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	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	100	30	60	100
-1		-18	-16	-12.5	-10	-40	-35	-30

### Schematic:



### Mechanical:

