

10/100/1000 BASE-T ETHERNET ISOLATION TRANSFORMER

MODEL NO:D72102



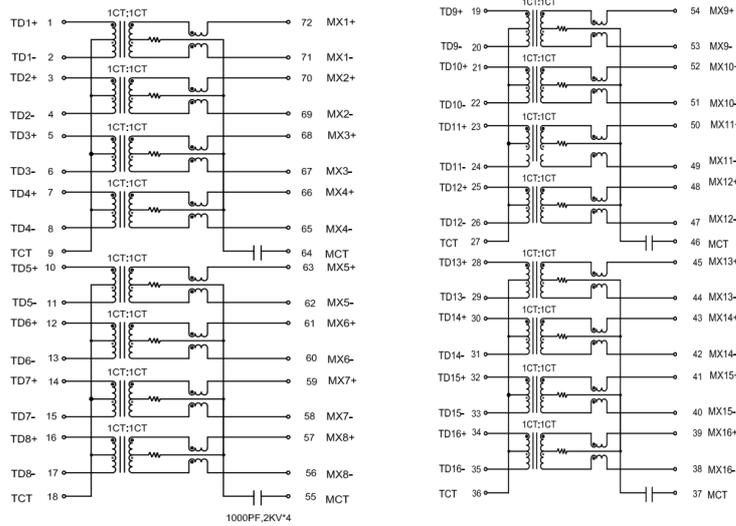
Feature:

- ◆ Meets IEEE802.3ab Standards.
- ◆ RoHs Compliant.
- ◆ 10/100/1000 Base-T,Through-Hole Type.
- ◆ Operating temperature:0°C~70°C

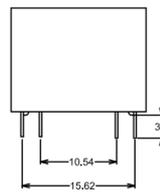
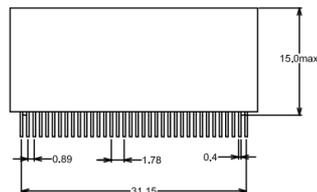
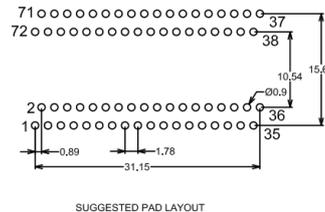
Electrical Specifications@25°C

Turn Ratio (±5%)	OCL (uH Min) @100KHz/0.2V 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	0.5-40	40.1-100	1500
					-35	-33+20*log(f/50)	
Insertion Loss(dB. max)		Return Loss(dB. min)			DCMR(dB. min)		
MHz		MHz			MHz		
0.5-100		0.5-40		40.1-100		0.5-100	
-1.1		-18		-12+12*log(f/80)		-30	

Schematic:



Mechanical:



Unless otherwise specified all tolerances are:±0.25 in mm