

10/100/1000 BASE-T ETHERNET ISOLATION TRANSFORMER

MODEL NO:D72201W



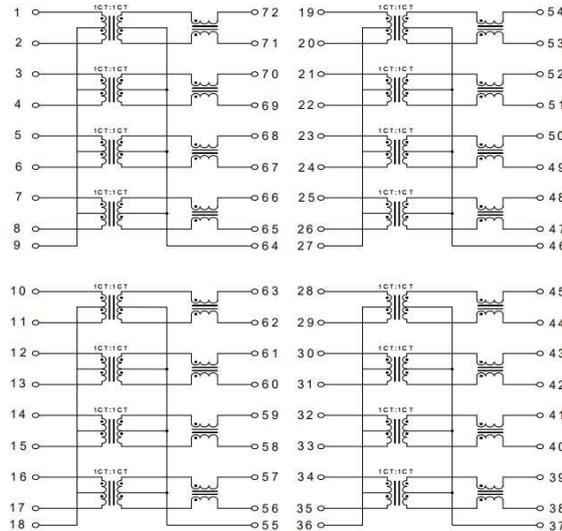
Feature:

- ◆ Compliant with IEEE 802.3 standard for 1000 BASE-T.
- ◆ full Quad port applications
- ◆ Supports 16 pairs of category 5 UTP cable.
- ◆ including 350uH OCL with 8mA bias.
- ◆ Operating temperature range: - 40°C to +85°C.
- ◆ Storage temperature range: -25°C to +125°C.

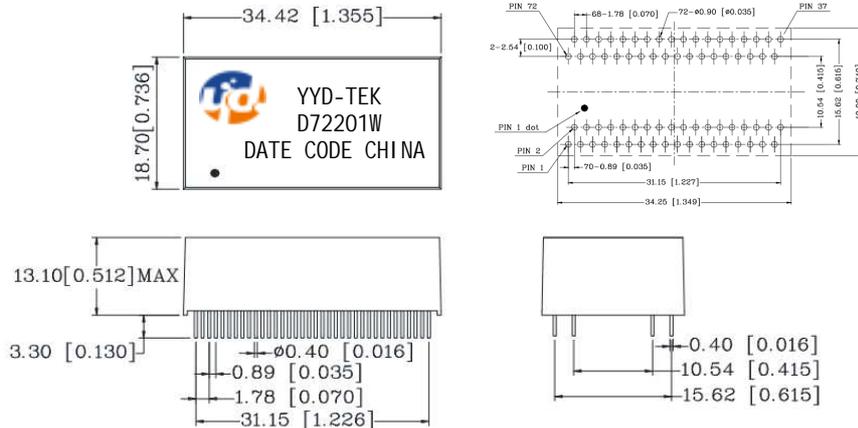
Electrical Specifications@25°C

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	350uH min.	0.5	1.2	28	30	60	100	1500	
1CT:1CT					-45	-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
-1.0		-18	-14.4	-13.1	-12	-10	-40	-35	-30

Schematic:



Mechanical:



Units: mm [Inches] Tolerances: xx.x0±0.30 [0.010]
0.xx±0.05 [0.002]