

2.5G BASE-T ETHERNET ISOLATION TRANSFORMER

NO: D48201N



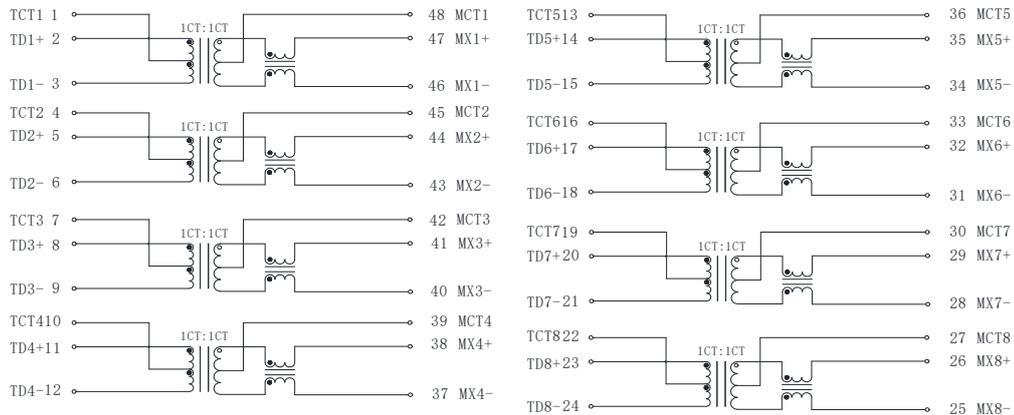
Feature:

- ◆ Designed To Meet IEEE 802.3bz Standards.
- ◆ Comply with RoHS & Halogen Free requirements.
- ◆ Operating temperature range: 0°C to + 70°C.
- ◆ Storage temperature range: 0°C to + 125°C.

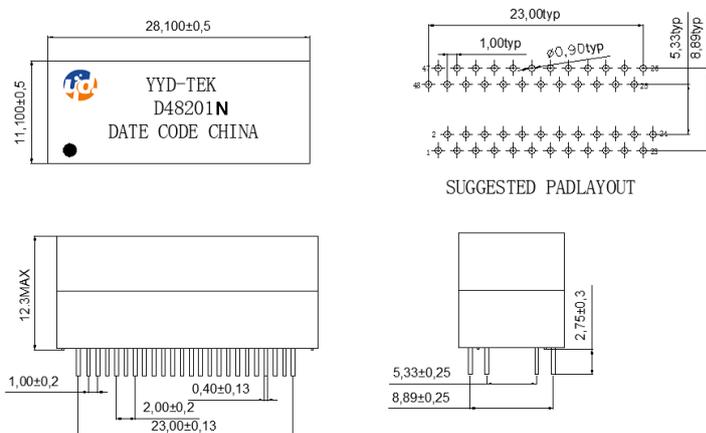
Electrical Specifications@25°C

Turn Ratio (±3%)	OCL (uH Min) @100KHz/0.1V with 8mA DC Bias	L. L.(uHMax) @ 100KHz/0.1V	DC (Ω Max)	C w/w(pF Max) @100KHz/0.1V	Cross talk dB Min. (MHz)		HI-POT (Vrms)
TX/TR	180	0.5	1.2	28	1-100	100-125	1500
1CT:1CT					-30	-25	
Insertion Loss(dB.max)		Return Loss(dB.min)			CMRR(dB.min)		
MHz		MHz			MHz		
1-100	100-125	1-40	40-125	1-100	100-125		
-1.0	-1.5	-20	-20+15*LOG(f/40dB Min.	-30	-25		

Schematic:



Mechanical:



Units:mm[Inches] Tolerances:xx.x0±0.25[0.010]
0.xx±0.05[0.002]