

100/1000 BASE-T BASE-T MAGNETICS MODULES

NO: D48701



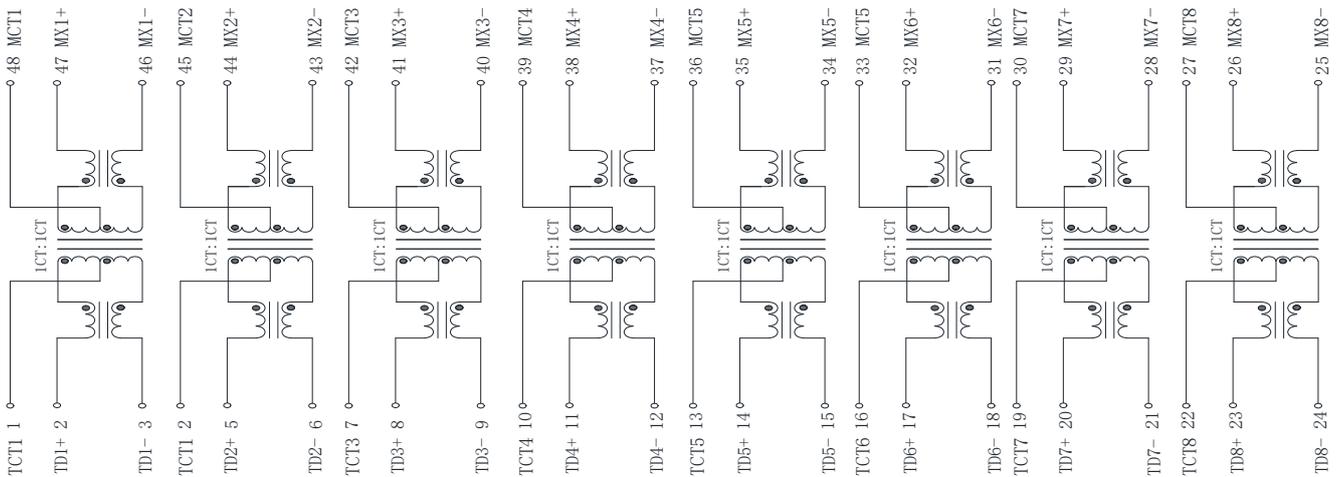
Feature:

- ◆ Compliant with IEEE 802.3 standard
- ◆ Comply with RoHS & Halogen Free requirements.
- ◆ Operating Temperature: 0°C~+70°C
- ◆ Storage temperature range:-25°C to + 120°C.

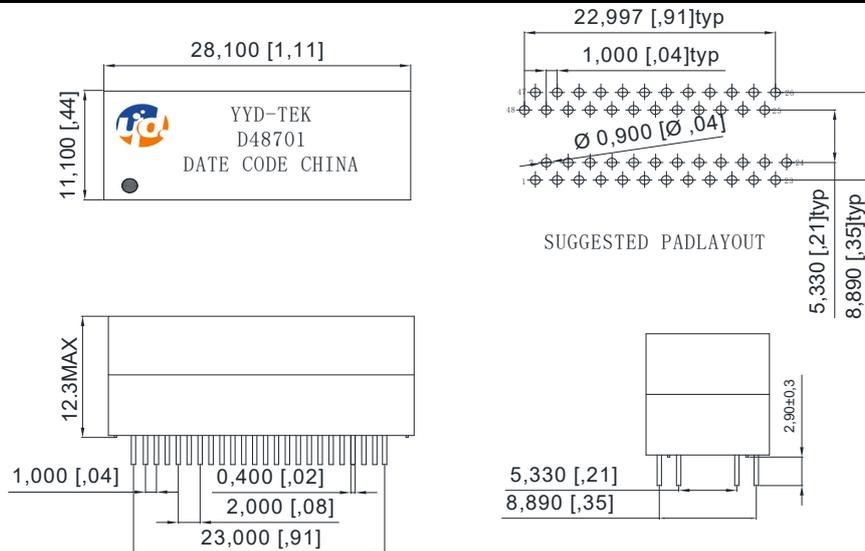
Electrical Specification @25°C

OCL	350 uH Min. @ 100 KHz/100mV 8mA DC Bias			
leakage	0.5uH@100 KHz/100mV			
Hi-POT :	1500Vrms			
D.C.R	1.2 ohm MAX			
Turn Ratio:	1CT:1CT±3%			
Cw/w:	28pF Max@100 KHz/100mV			
Insertion Loss:	-1.0dB Max. @1 ~100MHz			
RETURN LOSS(RL) (Z out=100 OHM)	1-30MHz	30-60MHz	60-80MHz	80-100MHz
	-16 dBMin	-14dBMin	-12dBMin	-10dBMin
Cross Talk:	-40dB Min.@1-30MHz	-35dB Min.@30-60MHz	-30dB Min.@60-100MHz	
CMRR	-30dB Min.@1-100MHz			

Schematic:



Mechanical:



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

0.xx±0.05[0.002]