

100/1000 BASE-T TRANSFORMER MODULES

NO: D36201



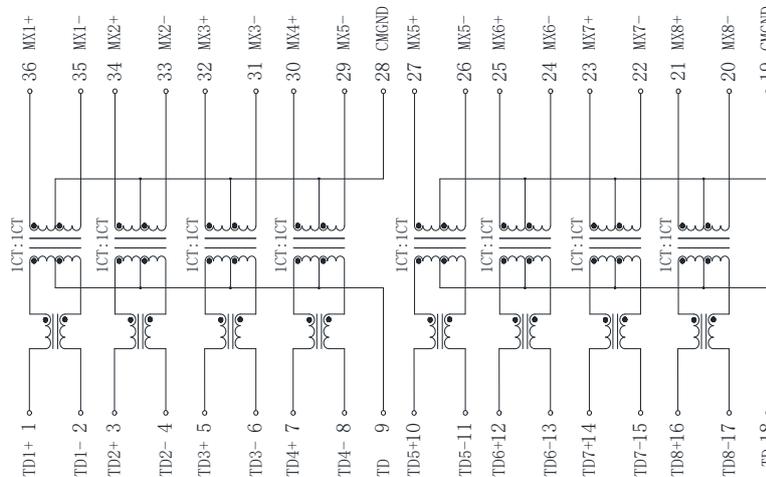
Feature:

- ◆ Meets IEEE 802.3 standard for 1000 BASE-T
- ◆ Comply with RoHS & Halogen Free requirements.
- ◆ Operating temperature range: 0°C to + 70°C.
- ◆ Storage temperature range: 0°C to + 125°C.

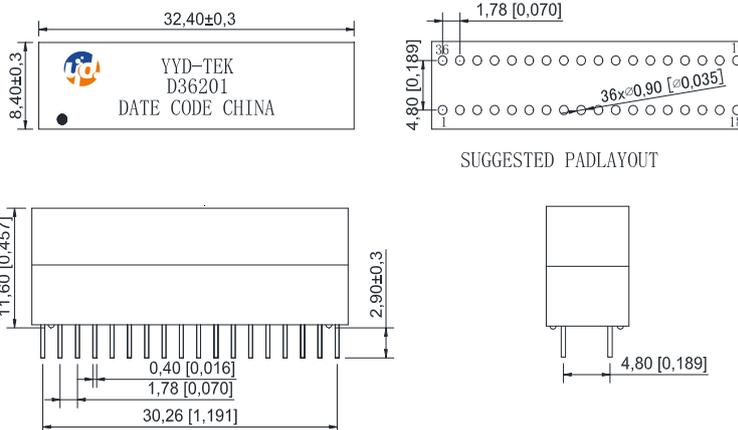
Electrical Specification @25°C

Inductance:	350uH Min. @100KHz/0.1V with 8mA DC Bias			
Hi-POT :	1500Vrms.			
Leakage inductance:	0.5uH Max. @100KHz/0.1V			
C.W.W.	100pF Max. @100KHz/0.1V			
D.C.R:	1.2ohm Max			
Turn Ratio:	1CT:1CT±2%			
Insertion Loss:	1-100MHz: -1.0dB Max.			
Return Loss:	1-40MHz	50 MHz	60MHz	80MHz
	-16.0	-14.1	-16.5	-10.0
D.C.M.R :	1-30MHz	60MHz	100MHz	
	-40.0	-35.0	-30.0	
Cross Talk :	0.3-30MHz	60MHz	100MHz	
	-40.0	-35	-30	

Schematic:



Mechanical:



Dimension:mm

Unless otherwise specified, all tolerance are ±0.25