

10G BASE-T Magnetics Module

NO:S24105PG

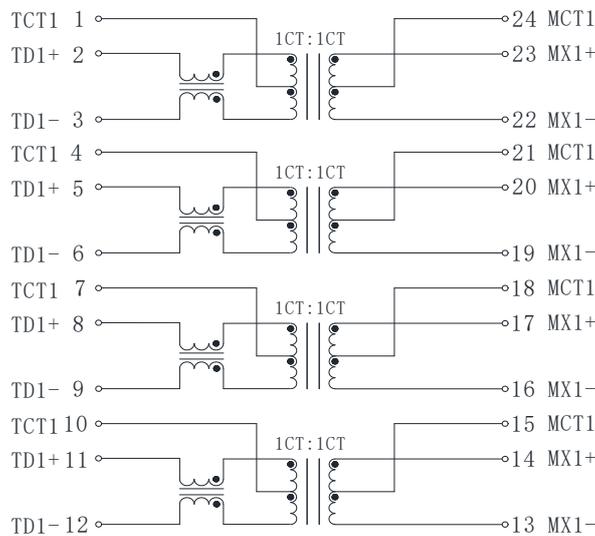


- ◆ Feature:
- ◆ Comply with RoHS & Halogen Free requirements.
- ◆ Designed to meet IEEE802.3ae & IEEE802.3bt standard
- ◆ Current capability POE++60W
- ◆ Operating Temperature: 0°C ~ +70°C
- ◆ Storage temperature range: 0°C to +125°C.

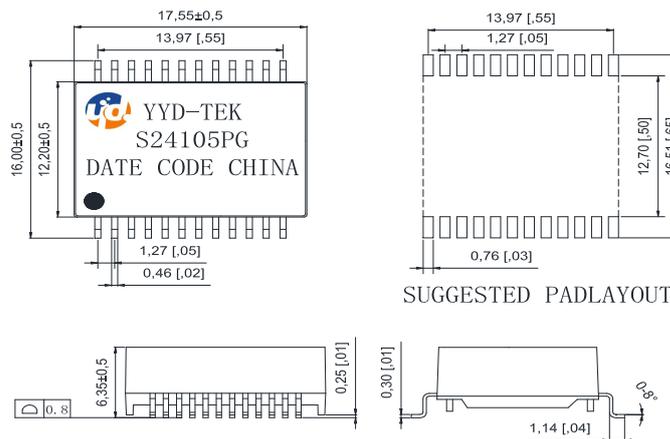
Electrical Specification @25°C

Inductance:	120uH Min. @100KHz/0.1V 8mA DC Bias		
Hi-POT :	1500VAC/1Sec/1mA		
Leakage inductance:	0.5uH Max. @100KHz/0.1V		
C.W.W.	30pF Max. @100KHz/0.1V		
D.C.R:	1.2 Ω max		
Turn Ratio:	1CT:1CT±2%		
Insertion Loss:	-1.0dB Max.@1-100MHz	-2dB Max.@100-400MHz	-3dB Max.@400-500MHz
Return Loss:	1-100MHz	100-500MHz	
	-20dB Min.	-22+20.75* LOG(F/100)dB Min	
D.C.M.R :	-30dBMin@1-100MHz		-25dBMin@100-500MHz
Cross Talk :	-30dBMin@1-100MHz	-25dBMin@100-300MHz	-20dBMin@300-500MHz

Schematic:



Mechanical:



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