

10G BASE-T Magnetics Module

NO: S24605GP



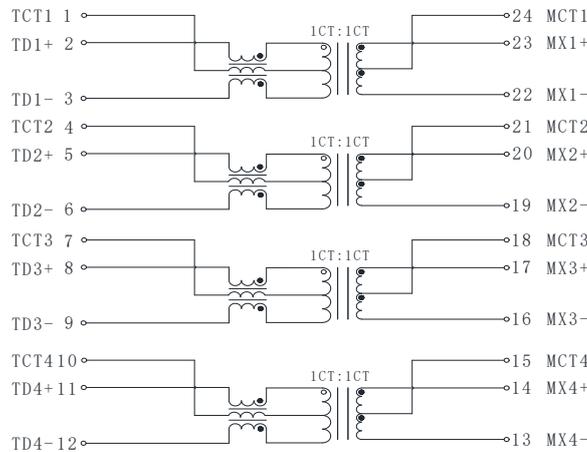
Feature:

- ◆ Meets IEEE 802.3 standard
- ◆ Each channel support 720mA DC balance current
- ◆ Operating Temperature: 0°C~+70°C
- ◆ Storage temperature range: -40°C to + 85°C.

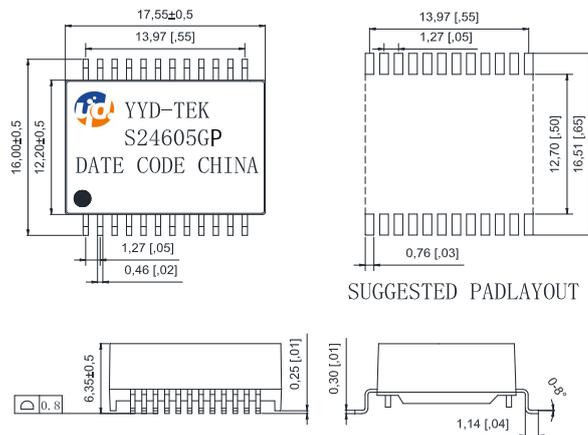
Electrical Specification @25°C

Inductance:	120 uH Min @100KHz 100mV with 14mA DC Bias				
Leakage inductance:	0.5uH Max. @100KHz/0.1V				
D.C.R:	1.2Ω Max				
Turn Ratio:	1CT:1CT±5%				
Insertion Loss:	1-200MHz	200-300MHz	300-400MHz	400-500MHz	
	-1.2dB Max	-1.5dB Max	-2dB Max	-3dB Max	
Return Loss:	1-100MHz	100-200MHz	200-300MHz	300-400MHz	400-500MHz
	-18dB Min.	-16dB Min.	-12dB Min.	-10dB Min.	-8dB Min.
D.C.M.R :	1-500MHz				
	-25Min.				
Cross Talk :	1-500MHz				
	-25Min.				

Schematic:



Mechanical:



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