

10G BASE-T BASE-T MAGNETICS MODULES

NO: S24106GW



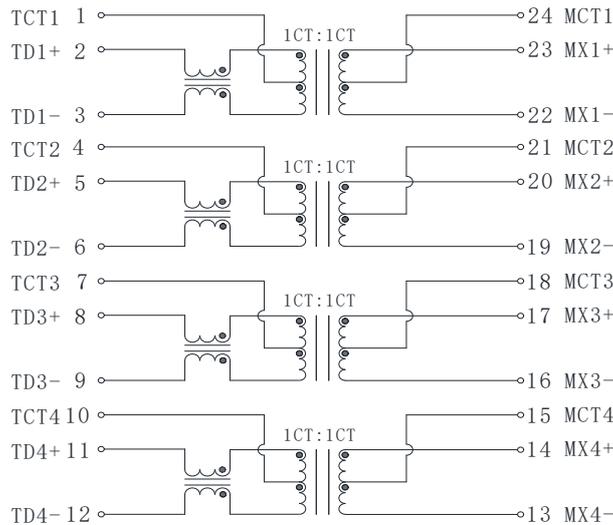
Feature:

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

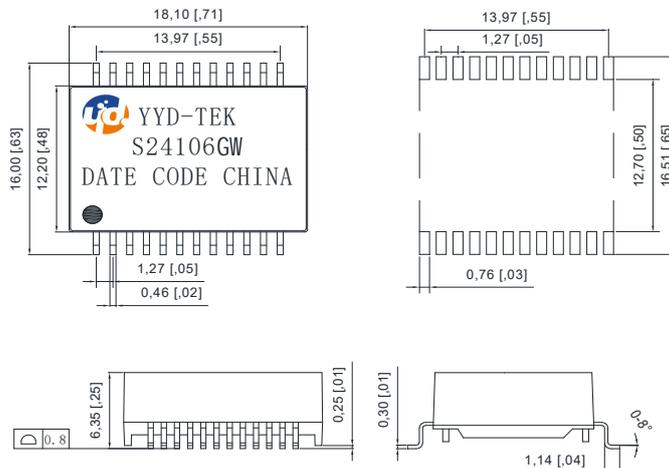
Electrical Specification @25°C

OCL	120uH Min. @100KHz/0.1V with 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:	-1.5dB Max. @0.1-1MHz	-2.5dB Max. @ 1 ~400MHz	-3.5dBMax. @400 ~500MHz
RETURN LOSS(RL) (Z out=100 OHM)	1 ~40MHz		40-500MHz
	-16 dBMin		-17+10log(f/40)
Cross Talk:	-30dB Min.@1-100MHz	-25dBMIN@100-300MHz;	-20dBMIN@300-500MHz;
CMRR	-30dB Min.@1-250MHz		-22dB Min.@250-500MHz

Schematic:



Mechanical:



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

0.xx±0.05[0.002]