

10G BASE-T Ethernet Isolation Transformer

NO: S24202GW



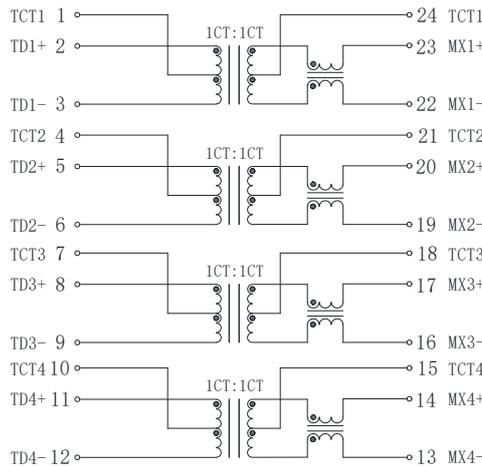
Feature:

- ◆ Compliant with IEEE 802.3 an standard including baseline wander
- ◆ Comply with RoHS & Halogen Free requirements.
- ◆ Operating Temperature:-40°C~+85°C
- ◆ Storage temperature range:-25°C to + 120°C.

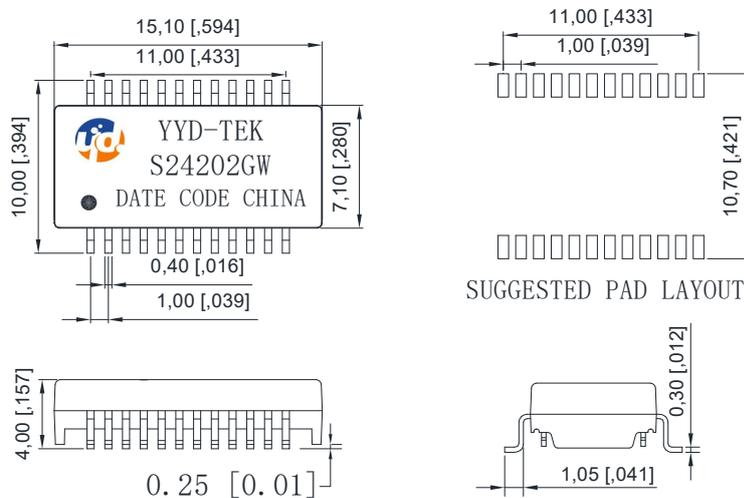
Electrical Specification @25°C

Inductance:	120 uH Min. @ 100 KHz, 100mV			
Hi-POT :	1500Vrms 1mA 1Second			
Turn Ratio:	1CT:1CT±3%			
Cw/w:	30pF Max			
D.C.R	1.2ohm Max			
Insertion Loss:	-1.5dB Max. @1M~200Hz	-2.0dB Max. @ 200-400MHz	-3.0dB Max. @ 400-500MHz	
RETURN LOSS(RL) (Z out=100 OHM)	1~100MHz	100MHz~200MHz	200~400MHz	500MHz
	-24dB MIN	-18dB MIN	-11dB MIN	-8dB MIN
Cross Talk:	-30 dB Min.@ 1-100MHz		-18 dB Min100~500MHz	
CMRR	-30 dB Min.@ 1-250 MHz		-18 dB Min.@ 250-500 MHz	
CDMR	-30 dB Min.@ 1-250 MHz		-18 dB Min.@ 250-500 MHz	

Schematic:



Mechanical:



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

0. xx ±0.05 [0.002]