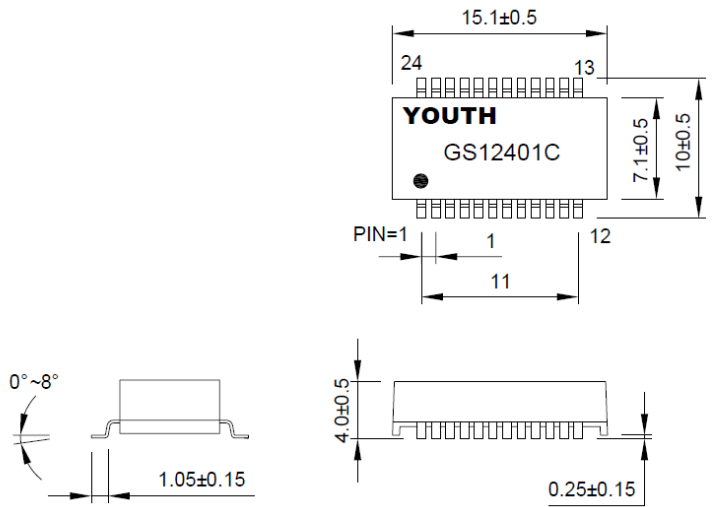
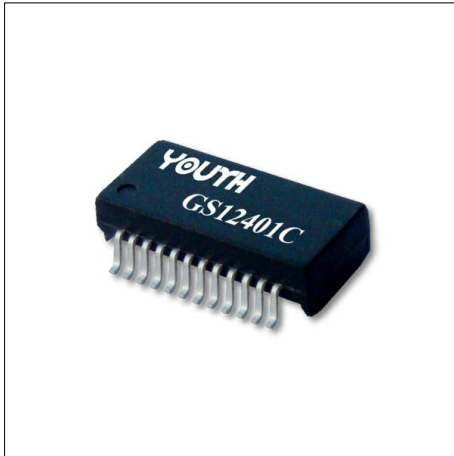


Single Port LAN Transformer 10/100/1000 Base - GS12401C

MECHANICAL SPECIFICATIONS

(Unit: m/m)



100/1000 BASE-T TRANSFORMER MODULES

- Designed to meet IEEE 802.3ab requirement, including 350uH OCL with 8mA bias
- Compliance with ROHS requirements
- Operating Temperature range: $0^\circ\text{C} \sim +70^\circ\text{C}$
- Storage Temperature range: $-25^\circ\text{C} \sim +125^\circ\text{C}$
- Package : 800PCS/Reel ; 8000PCS/Big Carton

ELECTRICAL SPECIFICATIONS @ 25°C

Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)					DCMR (dB Min)	Crosstalk (dB Min)
		1-30 MHz	40 MHz	50 MHz	60-80 MHz	100 MHz		
Freq.	1-100 MHz	1-30 MHz	40 MHz	50 MHz	60-80 MHz	100 MHz	1-100 MHz	1-100 MHz
GS12401C	-1.1	-18	-14.4	-13.1	-12	-10	-30	-30
Continue								
Part Number	OCL(uH Min) @100KHz/0.1V with DC8mA Bias	Turns Ratio (TX:RX±5%)	Cw/w (pF Max)	L.L(uH Max) @100KHz/0.1V	Hi-pot			
GS12401C	350	1CT:1CT	35	0.5uH	1500Vrms			

SCHEMATICS

