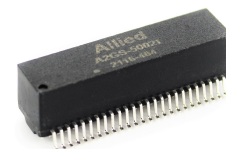




2.5G Base T Dual Port LAN Filter Module

A2GS-5002I

- For Ethernet based LAN, WAN and other networking applications
- Meets IEEE802.3 requirement
- Operating Temp: -40°C to +85°C
- Storage Temp: -40°C to +125°C
- Reflow condition: Peak +260°C for 5 Sec

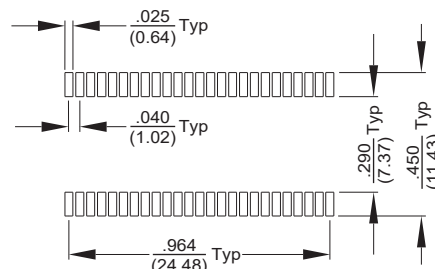
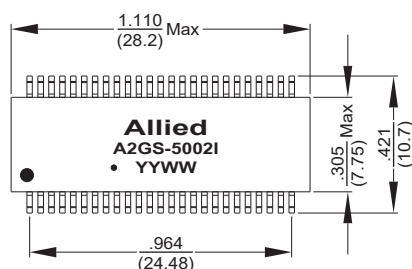


Electrical Specifications @ 25°C

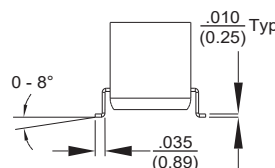
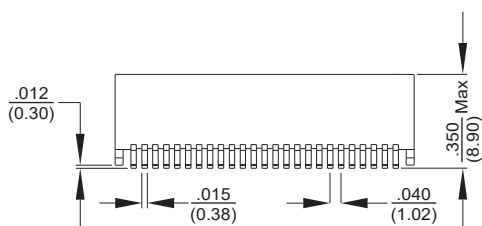
OCL(uH Min) @ 100kHz, 0.1V	Turns Ratio (±5%)	Insertion Loss (dB Max)	Return Loss (dB Min)		Cross Talk (dB Min)	DCMR (dB Min)	Isolation (Vrms)
		1.0-125MHz	1.0-40MHz	40-200MHz	1.0-125MHz	1.0-125MHz	
180	1CT : 1CT	-1.25	-16	-16+10*log(f/40)	-30	-30	1500

All specifications subject to change without notice.

MECHANICAL

Dimensions: $\frac{\text{inch}}{(\text{mm})}$ 

Recommended PCB Layout



SCHEMATICS

