



5 Gigabit PoE+ LAN Filter Module

A5GS-2401PI

- PoE+ applications with 720mA Current
- Designed to meet IEEE802.3at
- Operating Temperature Range: -40°C to +85°C
- Storage Temperature Range: -40°C to +125°C
- Reflow Condition: Tp is 260°C / -5°C for 30 Sec.
(Refer to IPC / JEDEC J-STD-020 standard)



Electrical Specifications @ 25°C

OCL(μH Min) @ 100kHz, 0.1V With 8mA DC Bias	Turns Ratio (±2%)	Insertion Loss (dB Max)			Return Loss (dB Min)		
		1-50MHz	50-125MHz	125-300MHz	1-40MHz	40-150MHz	150-300MHz
160	1CT:1CT	-0.5	-1.0	-2.0	-20	-20+9*log(f/40)	-14.8+30*log(f/200)

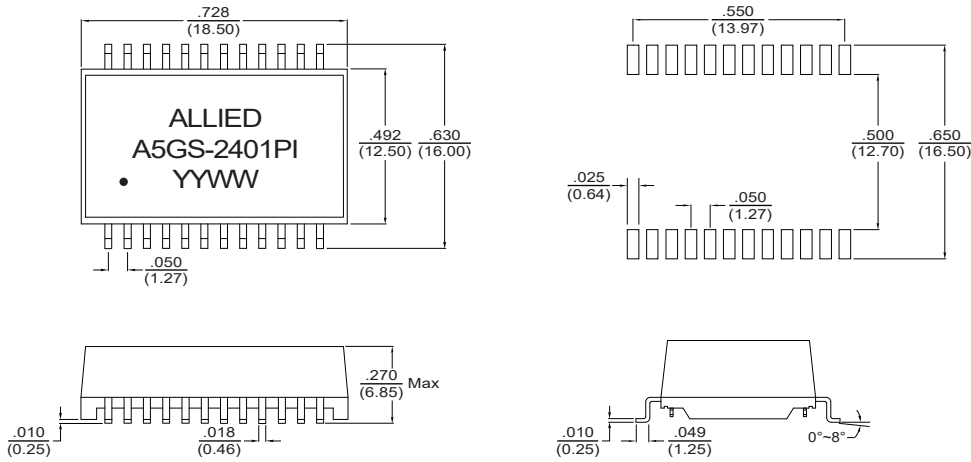
Electrical Specifications @ 25°C

Cross Talk (dB Min)			Differential Common Mode Rejection (dB Min)			HI-POT Isolation (Vrms)
30MHz	100MHz	300MHz	30MHz	100MHz	300MHz	
-35	-30	-25	-38	-30	-22	1500

All specifications subject to change without notice.

MECHANICAL

Dimensions: inch (mm)



Unless otherwise specified, all tolerances are ±0.25(0.010)

SCHEMATICS

