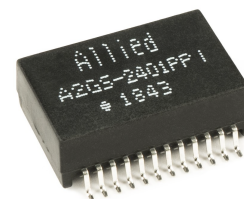




2.5 Gigabit Single Port PoE++ LAN Filter

A2GS-2401PPI



- PoE++ application with 1150mA Current. Maximum current of 2.3A when combining two pairs
- Designed to meet IEEE802.3bt
- Operating Temperature Range: -40°C to +85°C

Electrical Specifications @ 25°C

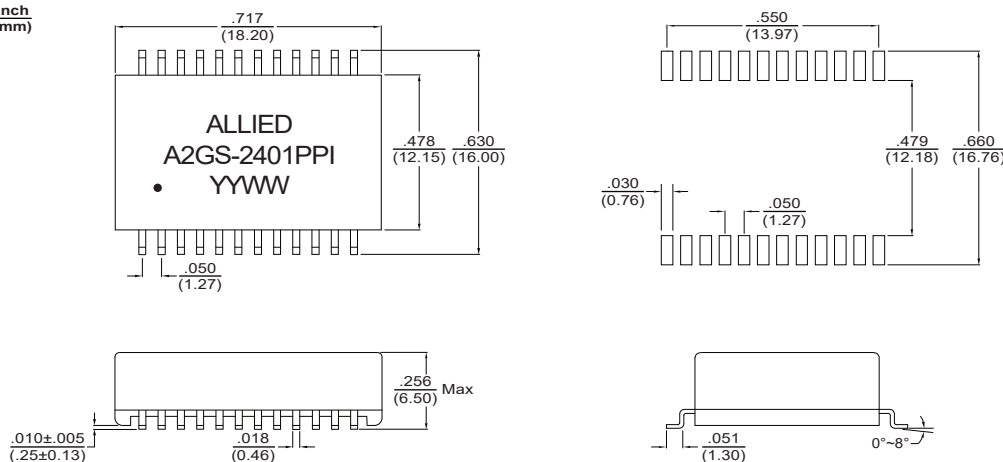
OCL(μH Min) @ 100kHz, 100mV With 14mA DC Bias	Turns Ratio chip: cable (±5%)	DCR (Ω Max)	Insertion Loss (dB Max)	Cross Talk (dB Min)	Differential Common Mode Rejection (dB Min)
140	1CT:1CT	1.1	1-150MHz	1-150MHz	1-150MHz
			-1.5	-30	-30

Electrical Specifications @ 25°C

Return Loss (dB Min)						HI-POT Isolation (Vrms)
30MHz	60MHz	80MHz	100MHz	125MHz	150MHz	
-20	-16	-14	-12	-10	-8	1500

All specifications subject to change without notice.

MECHANICAL

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

SCHEMATICS

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

