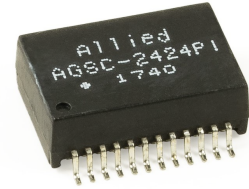


10/100/1000 Single Port PoE Plus LAN Filter

AGSC-2424PI

- PoE+ application with 720mA Current. Maximum current of 1.48A when combining two pairs
- Cw/w: 25pF Typ @ 100KHz, 200mV
- LL: 0.5μH Max @ 100KHz, 200mV
- DCR: 0.9Ω Max
- Operating Temperature Range: -40°C to 85°C



Electrical Specifications @ 25°C

OCL(μH Min) @ 100kHz, 200mV With 8mA DC Bias	DCR 1/2 Winding (Ω) Max	DCR Balance (Ω) Max	DCR Current / Voltage Rating (Continuous)	Return Loss (dB Min)		
				0.3-30MHz	40MHz	50-80MHz
350	0.30~0.65	0.05	720mA @ 57V	-16	-13.5	-10

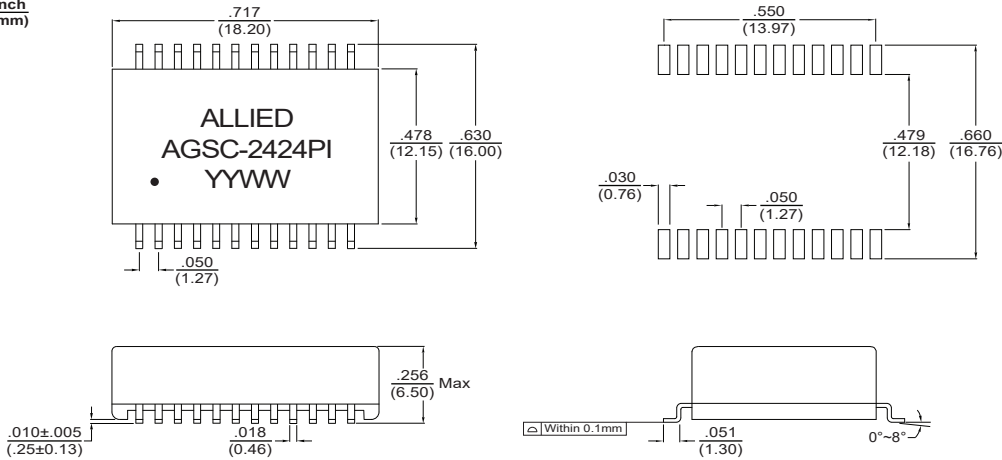
Electrical Specifications @ 25°C

Turns Ratio chip: cable (±5%)	Insertion Loss (dB Max)	Common Mode Rejection (dB Min)			Cross Talk (dB Min)		HI-POT Isolation (Vrms)
		30MHz	60MHz	80-100MHz	0.3-30MHz	60-100MHz	
1CT:1CT	-1.2	-40	-35	-30	-35	-30	1500

All specifications subject to change without notice.

MECHANICAL

Dimensions: inch (mm)



SCHEMATICS

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

