



# 100/1000 Base T Gigabit Single Port LAN Filter Module AGSC-2407I

- Ethernet based LAN, WAN and other networking applications
- LL: 0.5μH Max @ 100KHz, 200mV
- DCR: 1.2Ω Max
- Cw/w: 25PF TYP @ 100KHz, 200mV
- Industrial Operating Temp: -40°C to +85°C

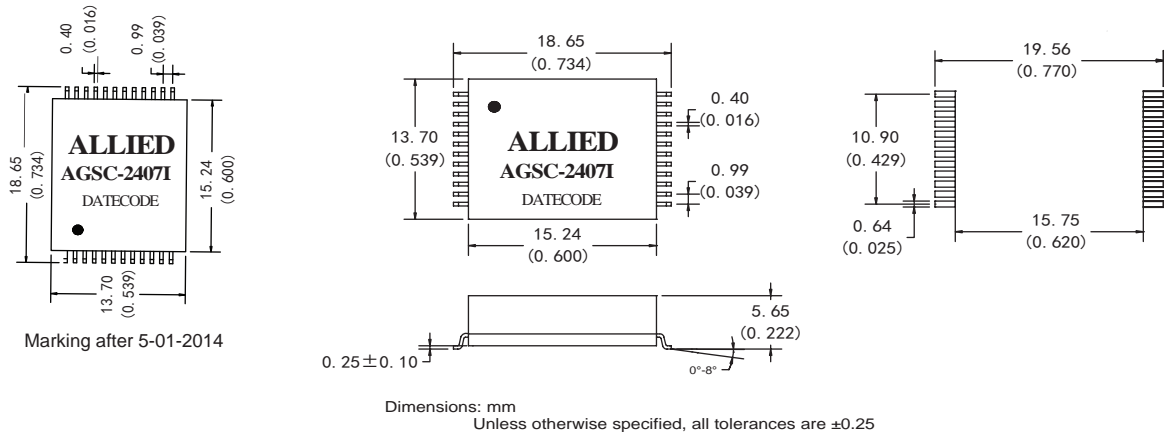
Electrical Specifications @ 25°C								
Part Number	OCL(μH Min) @ 100kHz, 200mV	Turns Ratio chip: cable (±5%)	Insertion Loss (dB Max)	Return Loss (dB Min)				
	With 8mA DC Bias			1-100MHz	1-30MHz	40MHz	50MHz	60-80MHz
AGSC-2407I	350	1CT:1	-1.0 Max	-18	-18	-16	-12	-10

Electrical Specifications @ 25°C							
Part Number	Common Mode Rejection (dB Min)			Cross Talk (dB Min)			Isolation HI-POT (Vrms)
	30MHz	60MHz	100MHz	30MHz	60MHz	100MHz	
AGSC-2407I	-40	-35	-30	-40	-35	-30	1500

All specifications subject to change without notice.

## MECHANICAL

Production lots after 5-01-14 will have the; Logo, Part Number and Date Code oriented 90° clockwise from the drawing below. Pin one will remain unchanged.



## SCHEMATICS

