



100/1000 Base T Single Port LAN Filter Module

AG2407SI



- Ethernet based LAN, WAN and other networking applications
- LL: 0.5μH Max @ 100KHz, 200mV
- DCR: 0.9Ω Max
- Cw/w: 25PF TYP @ 100KHz, 200mV
- Operating Temp: -40°C to +85°C

Electrical Specifications @ 25°C

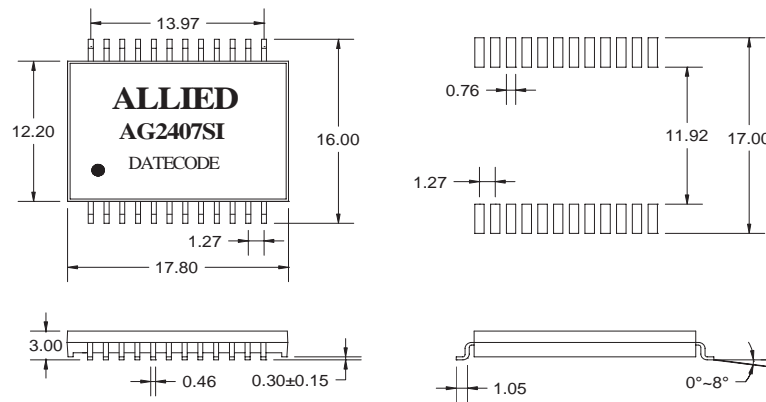
Part Number	OCL(μH Min) @ 100kHz, 200mV	Turns Ratio chip: cable (±3%)	Insertion Loss (dB Max)	Return Loss (dB Min)				
	With 8mA DC Bias			1-100MHz	1-30MHz	40MHz	50MHz	60-80MHz
AG2407SI	350	1CT:1	-1.1 Max	-18	-14.4	-13.1	-12	-10

Electrical Specifications @ 25°C

Part Number	Differential to Common Mode Rejection (dB Min)			Cross Talk (dB Min)			Isolation HI-POT (Vrms)
	30MHz	60MHz	100MHz	30MHz	60MHz	100MHz	
AG2407SI	-40	-35	-30	-40	-35	-30	1500

All specifications subject to change without notice.

MECHANICAL



SCHEMATICS

