



100/1000 Base T Single Port LAN Filter Module

AG2405CS



- Ethernet based LAN, WAN and other networking applications
- LL: 0.5 μ H Max @ 100KHz, 200mV
- Cw/w: 25PF TYP @ 100KHz, 200mV
- DCR: 0.9 Ω Max
- Operating Temp: 0°C to +70°C

Electrical Specifications @ 25°C

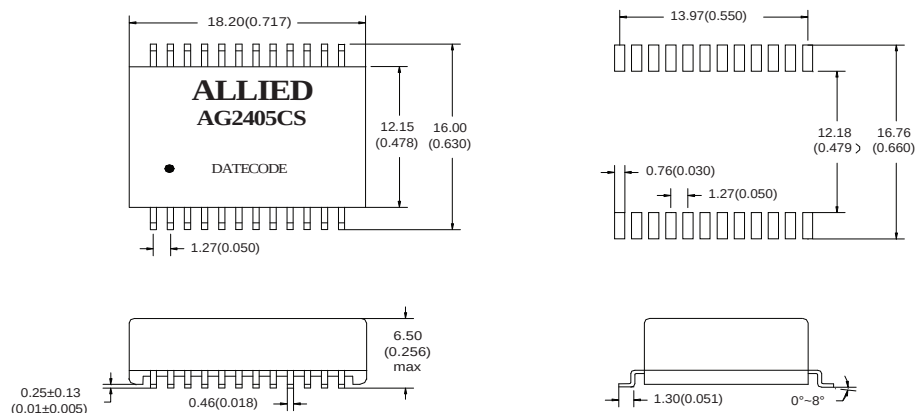
Part Number	OCL(μ H Min) @ 100kHz, 200mV	Turns Ratio chip: cable ($\pm 5\%$)	Insertion Loss (dB Max)	Return Loss (dB Min)			
	With 8mA DC Bias			0.3-30MHz	40MHz	50MHz	60-80MHz
AG2405CS	350	1CT:1CT	-1.1	-18	-14.4	-13.1	-12

Electrical Specifications @ 25°C

Part Number	Common Mode Rejection (dB Min)			Cross Talk (dB Min)		Isolation HI-POT (Vrms)
	30MHz	60MHz	80-100MHz	0.3-60MHz	60-100MHz	
AG2405CS	-40	-35	-30	-35	-32	1500

All specifications subject to change without notice.

MECHANICAL



Dimensions: mm(inch)

Unless otherwise specified, all tolerances are $\pm 0.25(0.010)$

SCHEMATICS

