RoHS

100/1000 Base T Dual Port LAN Filter Module AG4802CI

- **Ethernet based LAN, WAN and other networking applications**
- **Polarity: 2-47, 5-44, 8-41, 11-38, 14-35, 17-32, 20-29, 23-26 In-Phase**
- **LL: 0.5µH Max @ 100KHz, 0.2V**
- **DCR: 1.4Ω Max**
- **Cw/w: 25PF TYP @ 100KHz, 0.2V**
- **Industrial Temp: -40ºC to +85ºC**

Electrical Specifications @ 25°C

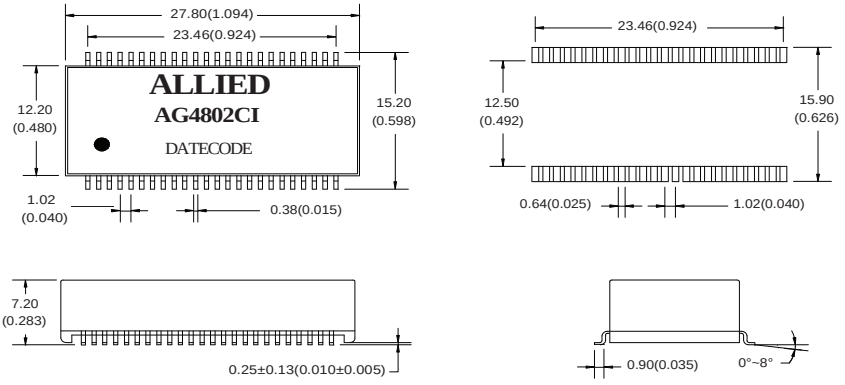
Part Number	OCL(uH Min) @ 100kHz, 0.2V With 8mA DC Bias	Turns Ratio chip: cable (±5%)	Insertion Loss (dB Max)	Return Loss (dB Min)				
			0.3-100MHz	0.3-30MHz	40MHz	50MHz	60-80MHz	100MHz
AG4802CI	350	1CT:1CT	-1.0	-16	-14.4	-13.1	-12	-10

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	
AG4802CI	-45	-40	-35	-40	-35	-30	1500

All specifications subject to change without notice.

MECHANICAL



Dimensions:mm(inch)

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

SCHEMATICS

