



100/1000 Base T Gigabit Dual Port LAN Filter Module

AGSC-4803S



- Ethernet based LAN, WAN and other networking applications
- Polarity: 2-47, 5-44, 8-41, 11-38, 14-35, 17-32, 17-32, 20-29, 23-26 In-Phase
- LL: 0.5 μ H Max @ 100KHz, 0.2V
- DCR: 0.9 Ω Max
- Cw/w: 25PF TYP @ 100KHz, 0.2V
- Operating Temp: 0°C to +70°C

Electrical Specifications @ 25°C

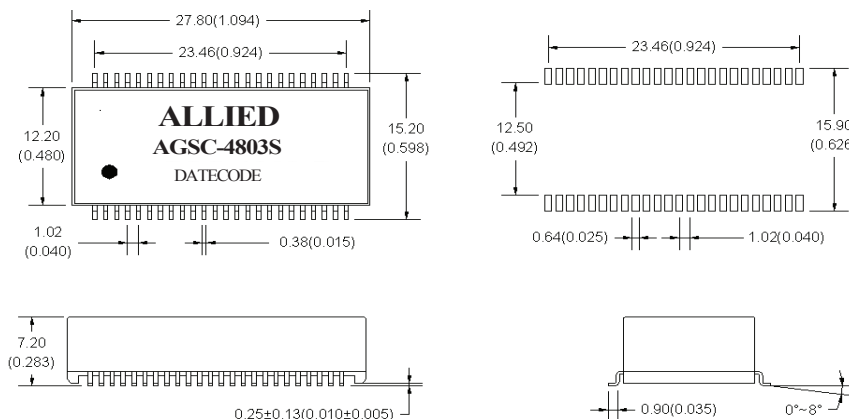
Part Number	OCL(μ H Min) @ 100kHz, 0.2V	Turns Ratio chip: cable ($\pm$ 5%)	Insertion Loss (dB Max)	Return Loss (dB Min)				
	With 8mA DC Bias		0.3-100MHz	0.3-30MHz	40MHz	50MHz	60-80MHz	100MHz
AGSC-4803S	350	1CT:1	-1.0	-16	-14.4	-13.1	-12	-10

Electrical Specifications @ 25°C

Part Number	Common Mode Rejection (dB Min)			Cross Talk (dB Min)			Isolation HI-POT (Vrms) 60S
	30MHz	60MHz	100MHz	30MHz	60MHz	100MHz	
AGSC-4803S	-40	-35	-30	-40	-35	-33	1500

All specifications subject to change without notice.

MECHANICAL



Dimensions: inch(mm)

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

SCHEMATICS

