RoHS

100/1000 Base T Gigabit Dual Port Transformer AGSC-4804S

- **Polarity: 2-47, 5-44, 8-41, 11-38, 14-35, 17-32, 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**
- **Operating Temp: 0ºC to +70ºC**

Electrical Specifications @ 25°C

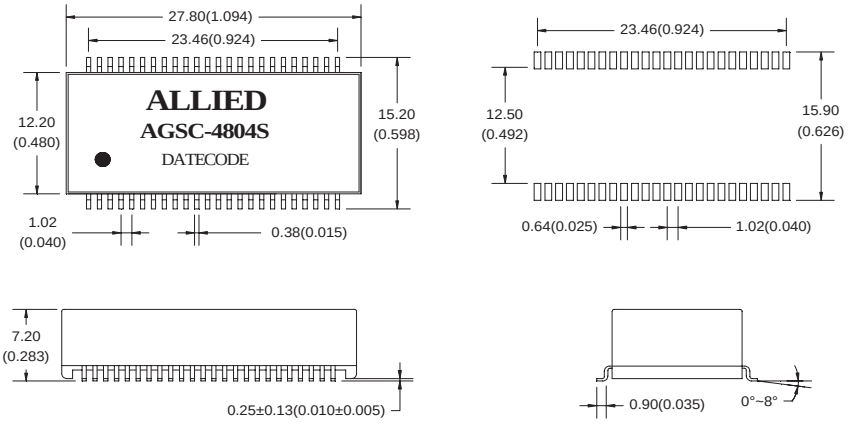
Part Number	OCL(uH Min) @ 100kHz, 0.2V With 8mA DC Bias	Turns Ratio chip: cable (±5%)	Insertion Loss (dB Max)	Return Loss (dB Min)				
			1-100MHz	1-30MHz	40MHz	50MHz	60-80MHz	100MHz
AGSC-4804S	350	1CT:1CT(TX)/1CT:1CT(RX)	-1.0	-16	-14.4	-13.1	-12	-10

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-4804S	-40	-35	-30	-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

