



100/1000 Base T Gigabit Dual Port Transformer

AGSC-4801S

- Cw/w: 25PF Typ @ 100KHz, 0.2V
- LL: 0.5µH Max @ 100KHz, 0.2V
- Polarity: 1-48, 5-44, 8-41, 11-38, 14-35, 17-32, 20-29, 23-26 In-Phase
- DCR: 0.9Ω Max
- Operating Temp: 0°C to 70°C

Electrical Specifications @ 25°C

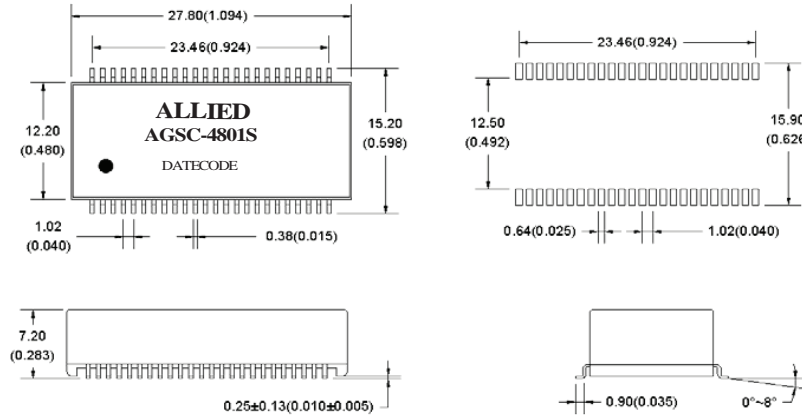
Part Number	OCL(µH Min) @ 100kHz, 0.2V	Turns Ratio chip: cable (±5%)	Insertion Loss (dB Max)	Return Loss (dB Min)			
	With 8mA DC Bias			0.3-30MHz	40MHz	50MHz	60-80MHz
AGSC-4801S	350	1CT:1(TX)/1CT:1CT(RX)	-1.0	-16	-14.4	-13.1	-12

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-4801S	-43	-37	-33	-45	-40	-33	1500

All specifications subject to change without notice.

MECHANICAL



Dimensions: mm(inch)
Unless otherwise specified, all tolerances are ±0.25(0.010)

SCHEMATICS

