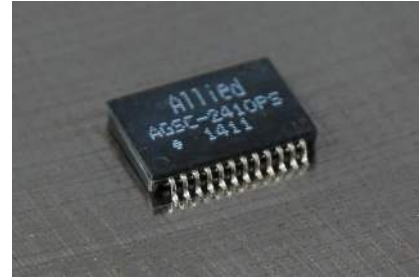




100/1000 Base T Single Port PoE

AGSC-2410PS

- Ethernet based LAN, WAN and other networking applications
- PoE compatible with IEEE802.3af 350mA
- Low Profile
- LL: 0.5μH Max @ 100KHz, 200mV
- DCR: 1Ω Max
- Operating Temp: 0°C to +70°C
- Storage Temp: -25°C to +85°C



Electrical Specifications @ 25°C

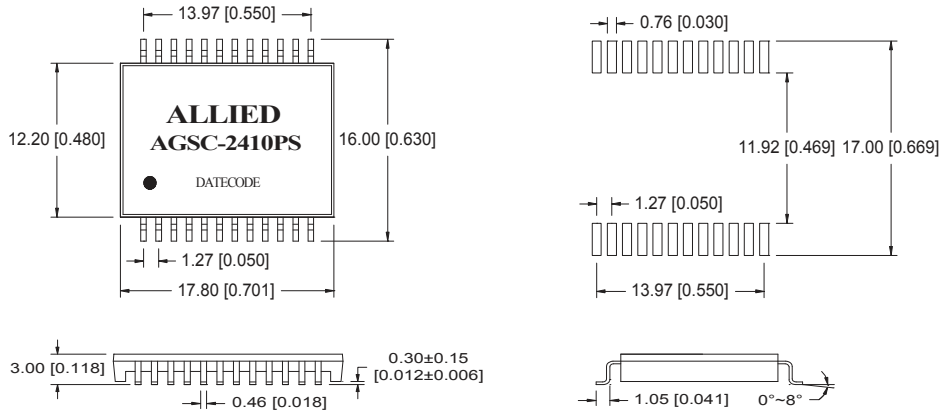
Part Number	OCL(μH Min) @ 100kHz, 200mV	Turns Ratio chip: cable (±5%)	Insertion Loss (dB Max)	Return Loss (dB Min)			
	With 8mA DC Bias		1-100MHz	1-30MHz	40MHz	60-80MHz	100MHz
AGSC-2410PS	350	1CT:1CT(TX)1CT:1CT(RX)	-1.0	-16	-14.4	-12	-10

Electrical Specifications @ 25°C

Part Number	Common Mode Rejection (dB Min)			Cross Talk (dB Min)		Isolation HI-POT (Vrms)
	30MHz	60MHz	100MHz	1-30MHz	60-100MHz	
AGSC-2410PS	-40	-35	-30	-40	-30	1500

All specifications subject to change without notice.

MECHANICAL



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

SCHEMATICS

