



- Ethernet based LAN, WAN and other networking applications
- PoE 350mA Current Capability
- Meets IEEE 802.3 & ANSI X 3.263 Standards
- LL: 0.5 $\mu$ H Max @ 100KHz, 200mV
- DCR: 1.4 $\Omega$  Max
- Cw/w: 25PF TYP @ 100KHz, 200mV
- Operating Temp: 0°C to +70°C
- Storage Temp: -25°C to +125°C

**Electrical Specifications @ 25°C**

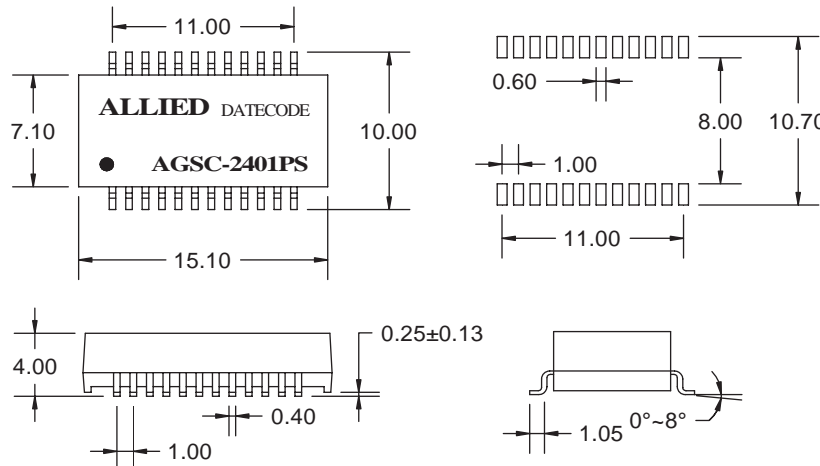
Part Number	OCL( $\mu$ H Min) @ 100kHz, 200mV	Turns Ratio chip: cable ( $\pm$ 5%)	Insertion Loss (dB Max)					
	With 8mA DC Bias		1-100MHz	1-30MHz	40MHz	50MHz	60-80MHz	100MHz
AGSC-2401PS	350	1CT:1CT(TX)/1CT:1CT(RX)	-1.0 Max	-18	-14.4	-13.1	-12	-10

**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	
AGSC-2401PS	-40	-35	-30	-45	-40	-35	1500

All specifications subject to change without notice.

**MECHANICAL**



Dimensions: mm

Unless otherwise specified, all tolerances are  $\pm$ 0.25

**SCHEMATICS**

