



- Ethernet based LAN, WAN and other networking applications
- LL: 0.5μH Max @ 100KHz, 200mV
- DCR: 1.4Ω Max
- Cw/w: 25PF TYP @ 100KHz, 200mV
- Industrial Temp: 40°C to +85°C

**Electrical Specifications @ 25°C**

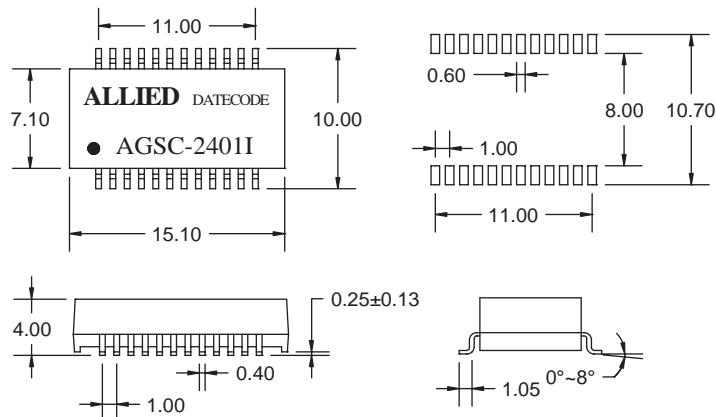
Part Number	OCL(μH Min) @ 100kHz, 200mV	Turns Ratio chip: cable (±5%)	Insertion Loss (dB Max)	Return Loss (dB Min)				
	With 8mA DC Bias			1-100MHz	1-30MHz	40MHz	50MHz	60-80MHz
AGSC-2401I	350	1CT:1CT(TX)/1CT:1CT(RX)	-1.0 Max	-18	-14.4	-13.1	-12	-10

**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-2401I	-40	-35	-30	-45	-40	-35	1500

All specifications subject to change without notice.

**MECHANICAL**



Dimensions: mm

Unless otherwise specified, all tolerances are ±0.25

**SCHEMATICS**

