



- Ethernet based LAN, WAN and other networking applications
- Cw/w: 25PF Typ @ 100KHz, 0.2V
- LL: 0.5μH Max @ 100KHz, 0.2V
- DCR: 1.4Ω Max
- Operating Temp: -40°C to +85°C

Electrical Specifications @ 25°C

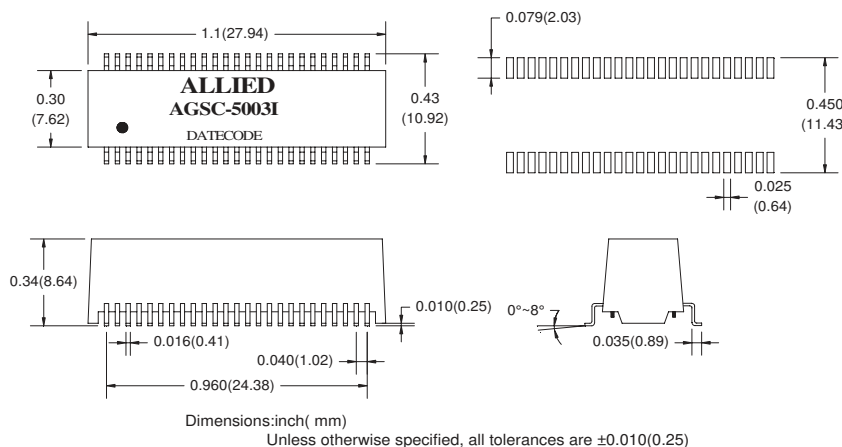
Part Number	OCL(μH Min) @ 100kHz, 0.2V	Turns Ratio chip: cable (±5%)	Insertion Loss (dB Max)	Return Loss (dB Min)				
	With 8mA DC Bias		1-100MHz	1-40MHz	60MHz	80MHz	100MHz	
AGSC-5003I	350	1CT:1CT(TX)/1CT:1CT(RX)	-1.1	-18	-14	-12	-10	

Electrical Specifications @ 25°C

Part Number	Common Mode Rejection (dB Min)	Cross Talk (dB Min)			Isolation HI-POT (Vrms)
	1-100MHz	30MHz	60MHz	100MHz	
AGSC-5003I	-30	-40	-35	-30	1500

All specifications subject to change without notice.

MECHANICAL



SCHEMATICS

