



- Ethernet based LAN, WAN and other networking applications
- DCR Half Winding: 0.30Ω Typ
- DCR Balance: 0.05Ω Max
- DC Current/Voltage Rating: 350mA@57V Continuous
- Complies with IEEE 802.3
- Industrial Temp: -40°C to +85°C

Electrical Specifications @ 25°C

Part Number	OCL(uH Min) @ 100kHz, 0.2V With 8mA DC Bias	Turns Ratio chip: cable (±5%)	Insertion Loss (dB Max)	Return Loss (dB Min)				
			0.3-100MHz	0.3-30MHz	40MHz	50MHz	60-80MHz	100MHz
AGSC-4811I	350	1CT:1CT	-1.4	-16	-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-4811I	-45	-40	-35	-40	-35	-33	1500

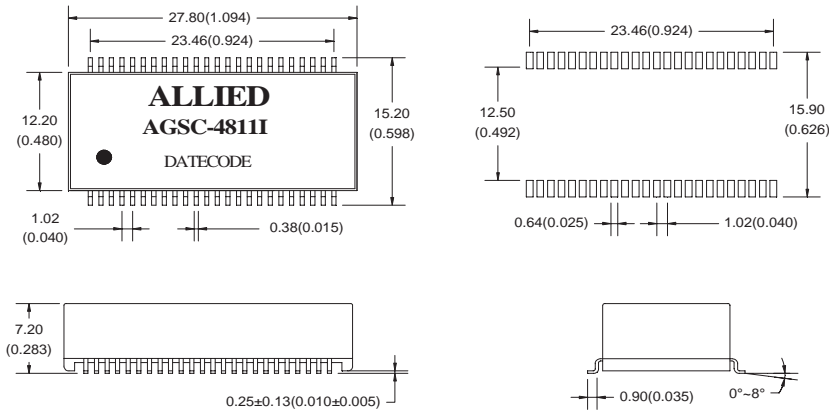
DCR 1/2 winding: 0.30Ω~0.65Ω Max.

DCR Balance: 0.05Ω Max

DCR Current/Voltage Rating: 350mA @ 57V (continuous)

All specifications subject to change without notice.

MECHANICAL



SCHEMATICS

