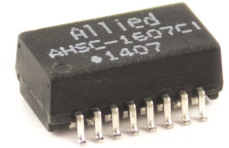


10/100 Base-T Single Port PoE Plus LAN Filter

AHSC-1607CI

- Ethernet based LAN, WAN and other networking applications
- For PoE+ applications with 700mA current capability compliant to 802.3at
- Polarity: 1-16, 6-11, In-Phase
- LL: 0.5μH Max @ 100KHz, 0.2V
- DCR: 1.1Ω Max
- Operating Temp: -40°C to +85°C



Electrical Specifications @ 25°C

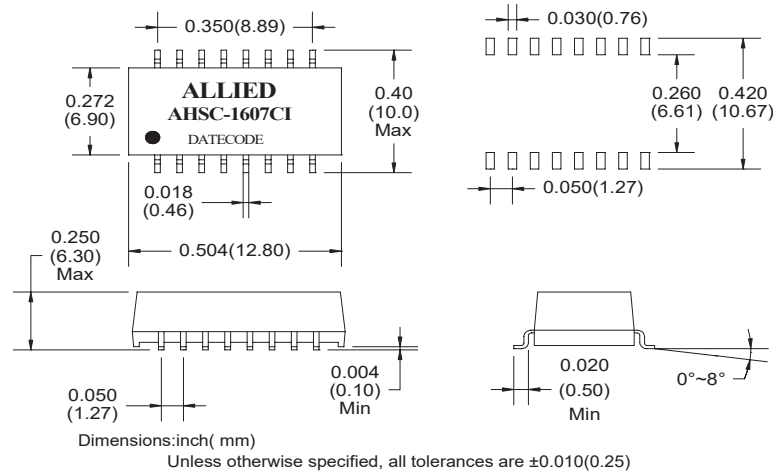
Part Number	OCL(μH Min) @ 100kHz, 0.2V	Turns Ratio chip: cable (±5%)	Insertion Loss (dB Max)	Return Loss (dB Min)			
	With 8mA DC Bias			0.3-30MHz	40MHz	50MHz	60-80MHz
AHSC-1607CI	350	1CT:1CT	-1.1	-18	-16	-14.5	-12

Electrical Specifications @ 25°C

Part Number	Common Mode Rejection (dB Min)			Cross Talk (dB Min)		Isolation HI-POT (Vrms)
	0.3-30MHz	60MHz	80-100MHz	0.3-60MHz	60-100MHz	
AHSC-1607CI	-40	-35	-30	-42	-35	1500

All specifications subject to change without notice.

MECHANICAL



SCHEMATICS

