RoHS

10/100 Base T PoE LAN Filter Module

AHSC-1607PI

- **Ethernet based LAN, WAN and other networking applications**
- **For PoE applications with 350mA current capability compliant to 802.3AT**
- **Cw/w:25PF Max @ 100KHz, 0.2V**
- **Industrial Temp: -40ºC to +85ºC**

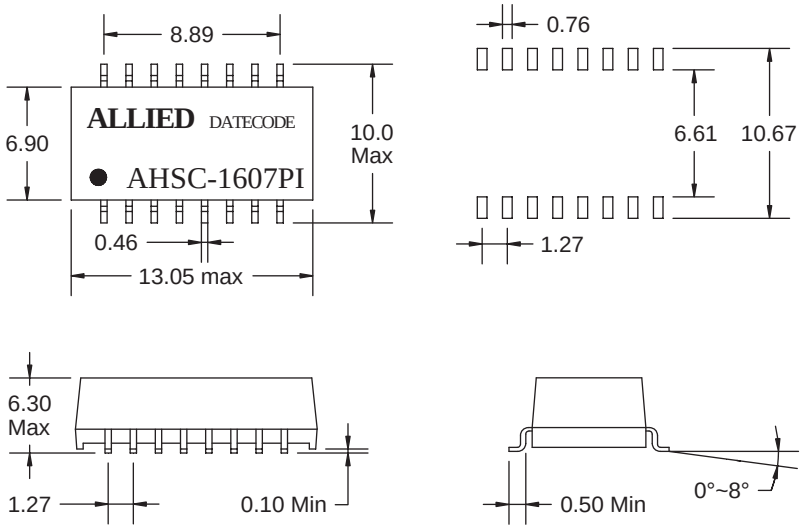
Electrical Specifications @ 25°C						
Part Number	OCL(uH Min) @ 100kHz, 0.2V	Turns Ratio Pri/Sec (±5%)	Insertion Loss (dB Max)	Return Loss (dB Min)		
	With 8mA DC Bias		0.3-100MHz	0.3-30MHz	50MHz	60-80MHz
AHSC-1607PI	350	1CT:1CT	-1.1	-16	-12	-10

Electrical Specifications @ 25°C						
Part Number	Common Mode Rejection (dB Min)			Cross Talk (dB Min)		HI-POT (Vrms)
	0.3-30MHz	60MHz	80-100MHz	0.3-60MHz	60-100MHz	
AHSC-1607PI	-40	-35	-30	-42	-35	1500

All specifications subject to change without notice.

MECHANICAL

Dimensions:inch(mm)



SCHEMATICS

Unless otherwise specified, all tolerances are 0.25.

