

- 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: -40°C to +85°C

**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

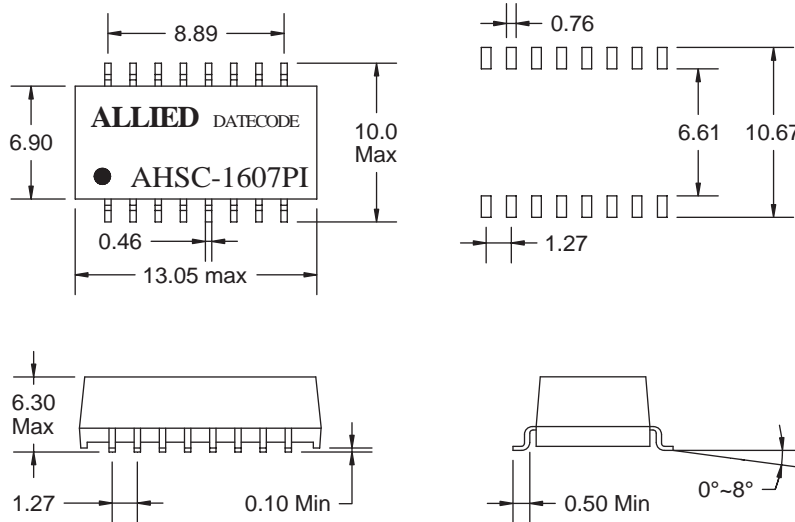
**Electrical Specifications @ 25°C**

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.

