

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: -40°C to +85°C



Electrical Specifications @ 25°C

OCL(μH Min) @ 100kHz, 0.1V	Turns Ratio chip: cable (±5%)	Insertion Loss (dB Max)		Return Loss (dB Min)	
		0.3-100MHz	0.3-30MHz	50MHz	60-80MHz
350	1CT:1CT	-1.1	-16	-12	-10

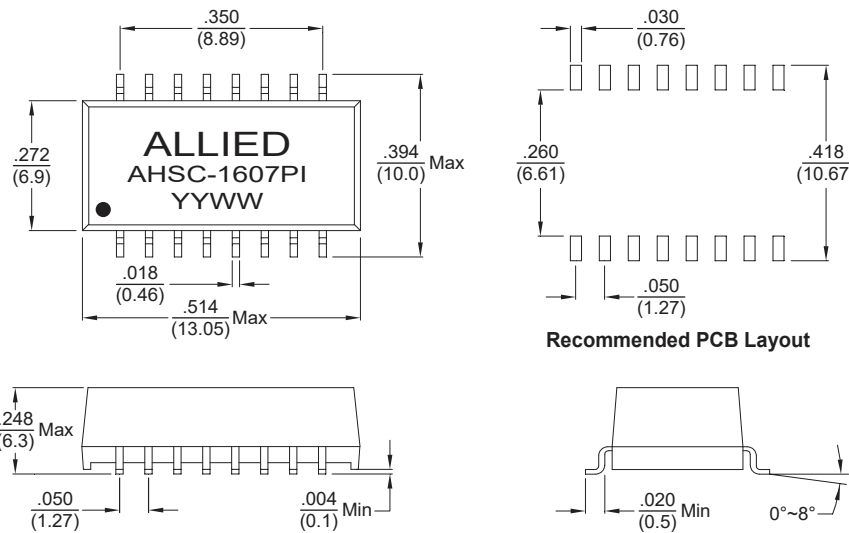
Electrical Specifications @ 25°C

Common Mode Rejection (dB Min)			Cross Talk (dB Min)		Isolation (Vrms)
0.3-30MHz	60MHz	80-100MHz	0.3-60MHz	60-100MHz	
-40	-35	-30	-35	-30	1500

All specifications subject to change without notice.

MECHANICAL

Dimensions: ^{inch}/_(mm)



Unless otherwise specified, all tolerances are ±.010(0.25)

SCHEMATICS

