



- 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
- Operating Temp: 0°C to +70°C



Electrical Specifications @ 25°C

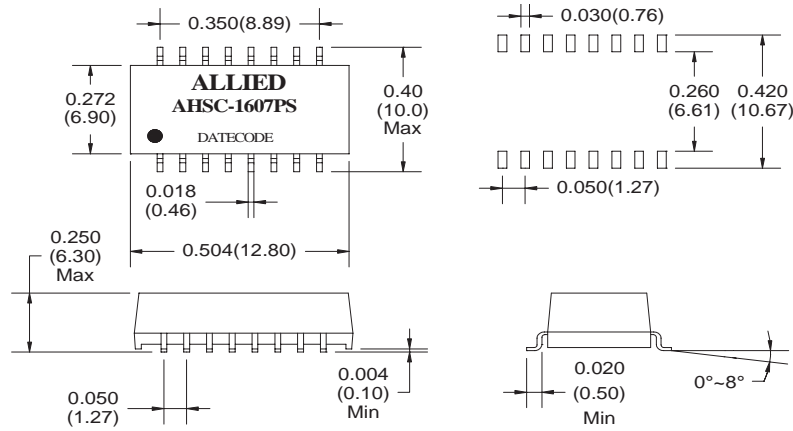
Part Number	OCL(uH Min) @ 100kHz, 0.2V	Turns Ratio chip: cable (±3%)	Insertion Loss (dB Max)	Return Loss (dB Min)		
	With 8mA DC Bias		0.3-100MHz	0.3-30MHz	50MHz	60-80MHz
AHSC-1607PS	350	1CT:1CT	-1.1	-16	-12	-10

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-1607PS	-40	-35	-30	-42	-35	1500

All specifications subject to change without notice.

MECHANICAL



Dimensions:inch(mm)
Unless otherwise specified, all tolerances are ±0.010(0.25)

SCHEMATICS

