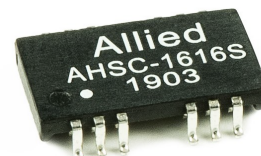




10/100 Base T Single Port LAN Filter Module

AHSC-1616S

- Ethernet based LAN, WAN and other networking applications
- Low Profile
- DCR: PIN 1-2, PIN 7-8 1.4 Ω Max, PIN 9-10, PIN 15-16 1.0 Ω Max
- Cw/w: 15PF TYP @100KHz, 200mV
- LL: 0.3uH Max @100KHz, 200mV
- Polarity: 1-16, 7-10, In-Phase
- Operating Temp: 0°C to +70°C



Electrical Specifications @ 25°C

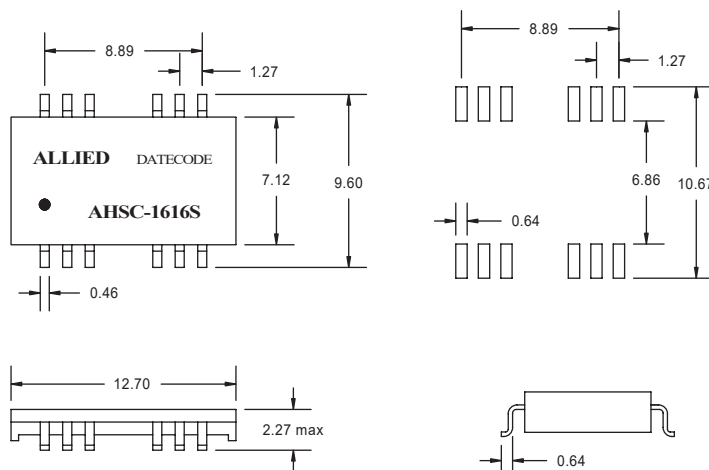
Part Number	OCL(uH Min) @ 100kHz, 200mV	Turns Ratio chip: cable (±3%)	Insertion Loss (dB Max)	Return Loss (dB Min)		
	With 8mA DC Bias		1-100MHz	30MHz	60MHz	80MHz
AHSC-1616S	350	1CT:1CT	-1.1	-16	-12	-10

Electrical Specifications @ 25°C

Part Number	Common Mode Rejection (dB Min)	Cross Talk (dB Min)	Isolation HI-POT (Vrms)
	0.1-100MHz	0.1-100MHz	
AHSC-1616S	-30	-30	1500

All specifications subject to change without notice.

MECHANICAL



Dimensions: mm

Unless otherwise specified, all tolerances are ± 0.25

SCHEMATICS

