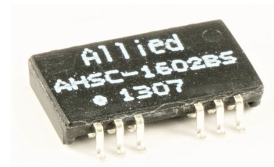




10/100 Base T Single Port LAN Filter Module

AHSC-1602BS

- Ethernet based LAN, WAN and other networking applications
- Low Profile
- DCR: PIN 1-2, PIN 7-8 1.0 Ω Max, PIN 16-15, PIN 10-9 1.4 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

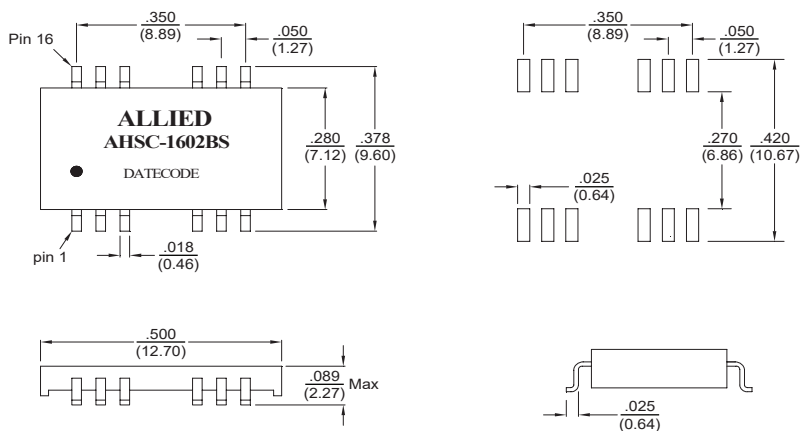
Part Number	OCL(uH Min) @ 100kHz, 200mV	Turns Ratio chip: cable ($\pm 3\%$)	Insertion Loss (dB Max) 1-100MHz	Return Loss (dB Min)			
	With 8mA DC Bias			0.3-30MHz	40MHz	50MHz	60-80MHz
AHSC-1602BS	350	1CT:1CT	-1.1	-16	-14	-12	-10

Electrical Specifications @ 25°C

Part Number	Common Mode Rejection (dB Min)	Cross Talk (dB Min)	Isolation HI-POT (Vrms)
	1-100MHz	1-100MHz	
AHSC-1602BS	-30	-35	1500

All specifications subject to change without notice.

MECHANICAL

Dimensions: $\frac{\text{inch}}{(\text{mm})}$ Unless otherwise specified,
all tolerances are ± 0.010 (0.25)

SCHEMATICS

