RoHS

10/100 Base T Quad Port LAN Filter Module AHSC-4001S



- **Ethernet based LAN, WAN and other networking applications**
- **Polarity: 1-40, 4-37, 6-35, 9-32, 11-30, 14-27, 16-25, 19-22, In-Phase**
- **Cw/w 50PF Typ @100KHz, 0.2V**
- **LL: 0.5µH Max @ 100KHz, 0.2V**
- **DCR: 0.9Ω Max**
- **Operating Temp: 0ºC to 70ºC**

Electrical Specifications @ 25°C

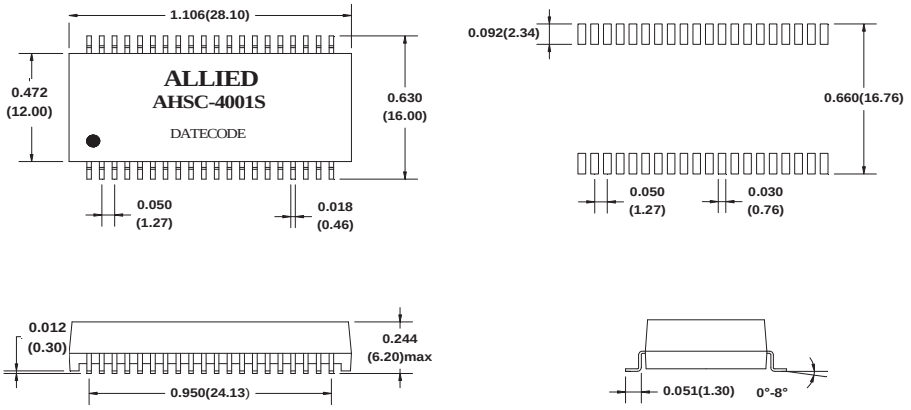
Part Number	OCL(uH Min) @ 100kHz, 200mV With 8mA DC Bias	Turns Ratio chip: cable (±5%)	Insertion Loss (dB Max)	Return Loss (dB Min)			
			0.3-100MHz	0.3-30MHz	40MHz	50MHz	60-80MHz
AHSC-4001S	350	1CT:1CT	-1.1	-18	-14.4	-13.1	-12

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-4001S	-40	-35	-30	-42	-33	1500

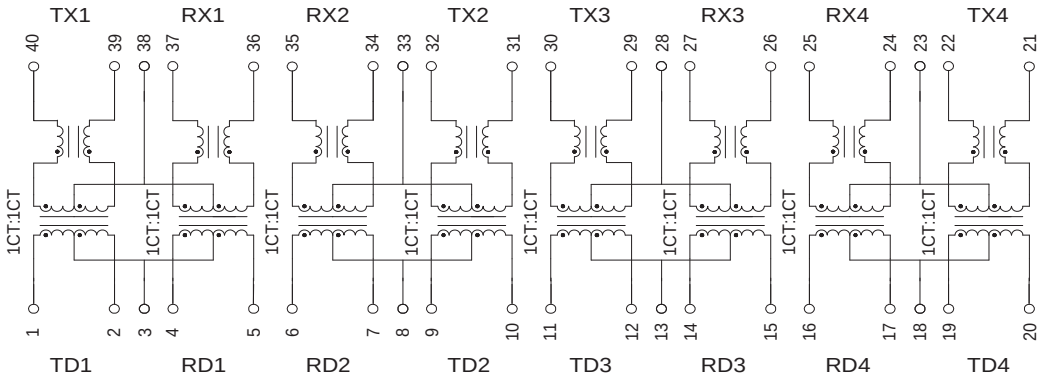
All specifications subject to change without notice.

MECHANICAL

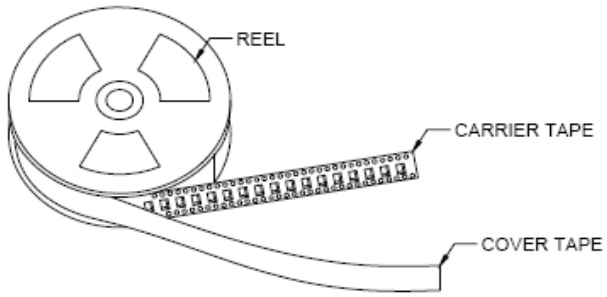


Dimensions:inch(mm)
Unless otherwise specified, all tolerances are ±0.010(0.25)

SCHEMATICS



Packaging Specfications



350PCS/REEL

350PCS/BOX

1750PCS/CARTON

N/W: 2.55g/ea

