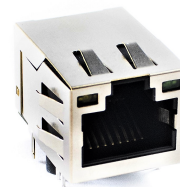




SINGLE PORT RJ45 CONNECTOR

AR11-4700

- 10/100 BaseT
- For LAN and other Ethernet Applications
- Standard Operating Temp: 0°C to +70°C



Electrical Specifications @ 25°C

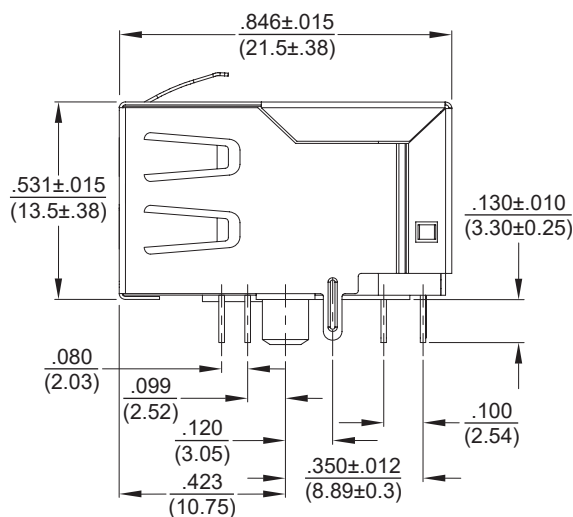
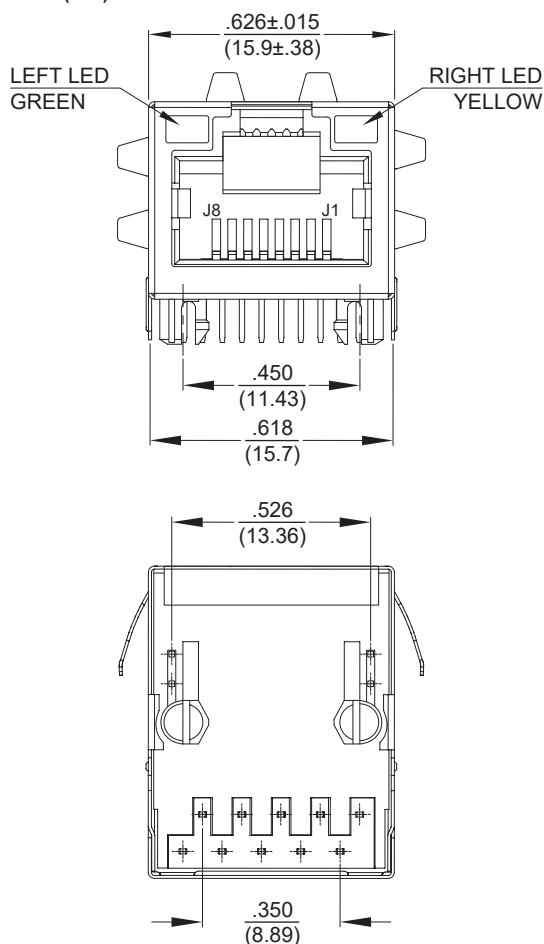
OCL(μH Min) @ 100kHz, 0.1V With 8mA DC Bias	Turns Ratio @ 100kHz, 0.1V	Insertion Loss (dB Max)	Crosstalk (dB) Min	CMR (dB Min)
350	1 : 1 ±5%	1.0-100MHz -1.0	1-100MHz -30	1-100MHz -30

Electrical Specifications @ 25°C

Return Loss (dB) Min				HiPot 1mA, 60Sec Input - Output
1.0-30MHz	30-60MHz	60-80MHz	80-100MHz	1500VAC
-18	-16	-12	-10	

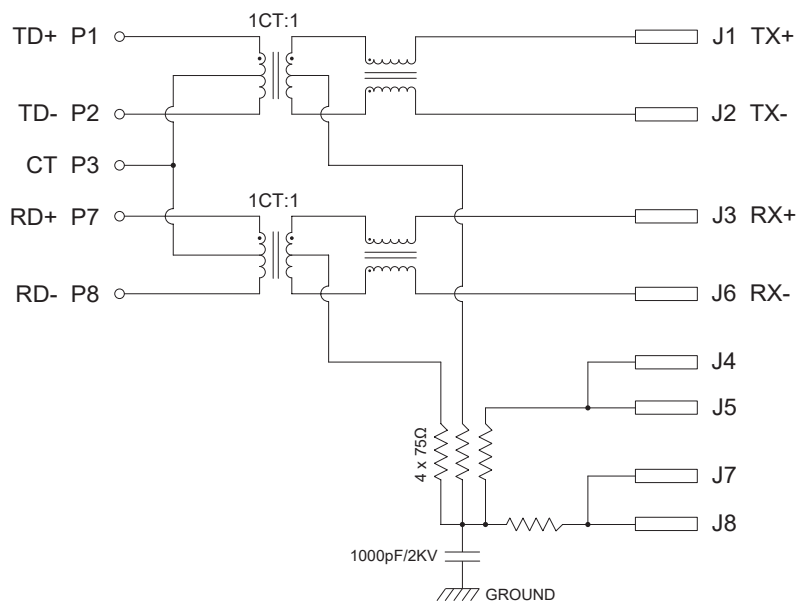
All specifications subject to change without notice.

MECHANICAL

Dimensions: $\frac{\text{inch}}{(\text{mm})}$ 



SCHEMATICS



LEFT LED
9+ 10- GREEN



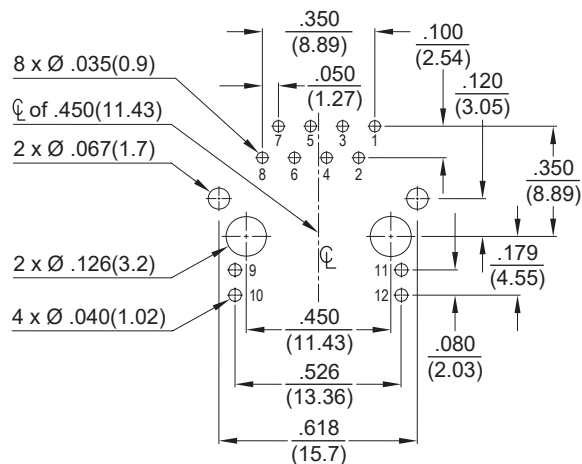
RIGHT LED
11+ 12- YELLOW



Standard LED	Wavelength	Fwd Voltage
Green	565nm	2.5V Max
Yellow	585nm	2.5V Max

PCB LAYOUT

Dimensions: $\frac{\text{inch}}{(\text{mm})}$



Tolerance: .002(0.05)

NOTES

- Shield - 0.20 mm Thickness Brass C2680H
Plating Nickel 20 μ " Min.
- Housing - Plastic: Nylon 66, Glass Fiber Filled
UL94V-0, Color Black
- Contact Pin - Pin: 0.35mm Thickness Phosphor Bronze C5210 EH
Plating: Nickel 30-60 μ " For All and Sn 100 μ " Min.
And Gold Plating 6 μ "
- Insert Pin - Pin: 0.35mm Thickness SUS430
Plating: SN 100 μ " Min All Over 30-60 μ " Nickel