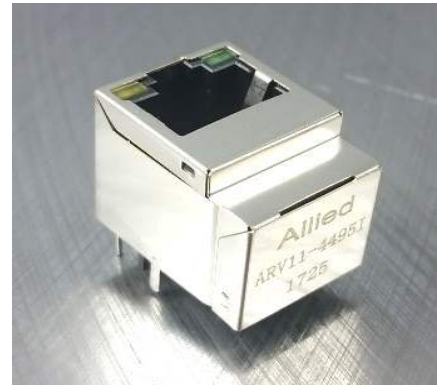




Single Port Vertical Mount RJ45

ARV11-4495I

- 10/100 Base-T for Networking, LAN and other Ethernet applications
- Compliant to IEEE802.3
- Operating Temp Range: -40°C to +85°C



Electrical Specifications @ 25°C

Part Number	OCL(μH Min) @ 100kHz, 0.1V With 8mA DC Bias	Turns Ratio chip: cable (±3%)	Cross Talk (dB Min)			Insertion Loss (dB Max)
			1-30MHz	30-60MHz	60-100MHz	1-100MHz
ARV11-4495I	350	1CT : 1CT	-40	-35	-30	-1.0

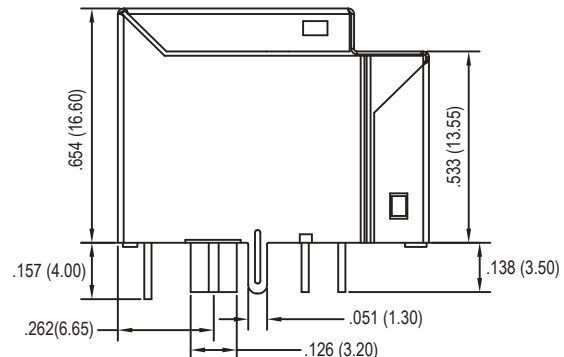
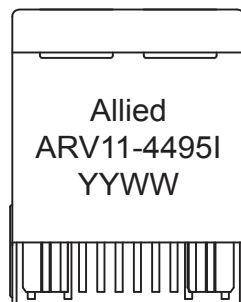
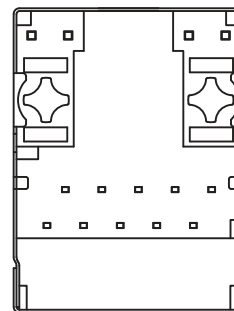
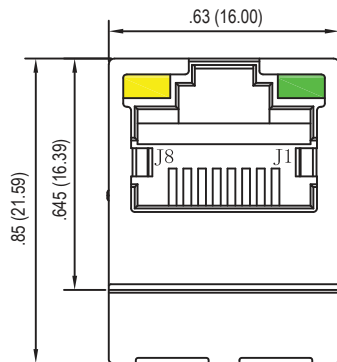
Electrical Specifications @ 25°C

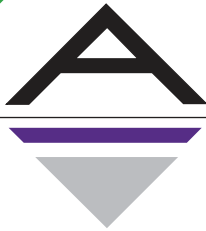
Part Number	Common Mode Rejection (dB Max)		Return Loss (dB Min)			Hi-Pot Test
	1-50MHz	50-150MHz	1-30MHz	30-60MHz	60-100MHz	
ARV11-4495I	-30	-20	-18	-15	-12	1500Vrms

All specifications subject to change without notice.

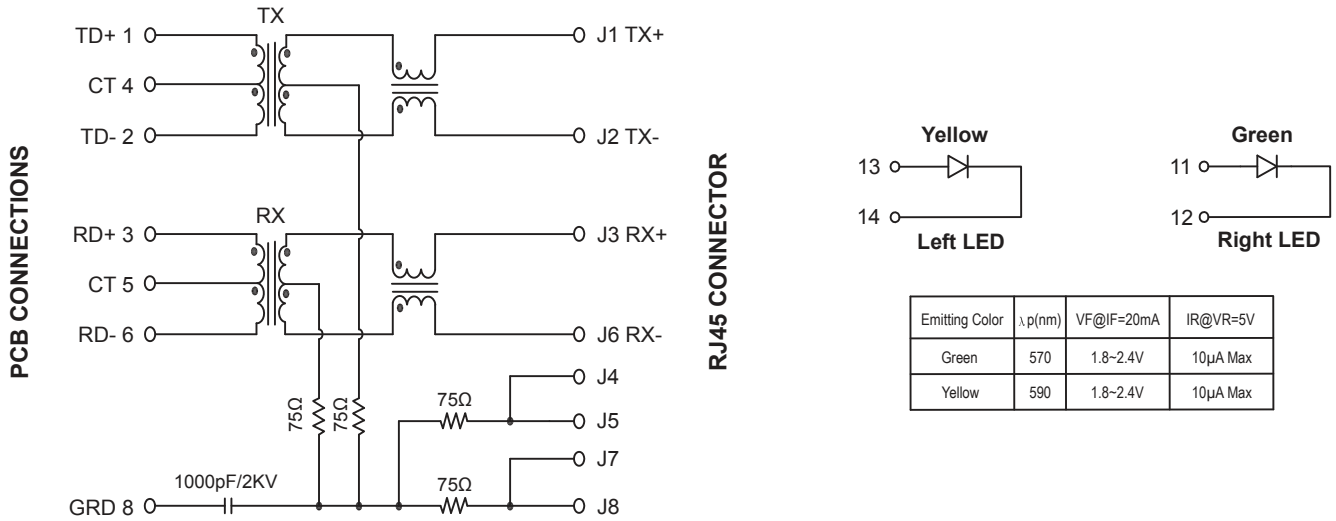
MECHANICAL

DIMENSIONS: inch(mm)



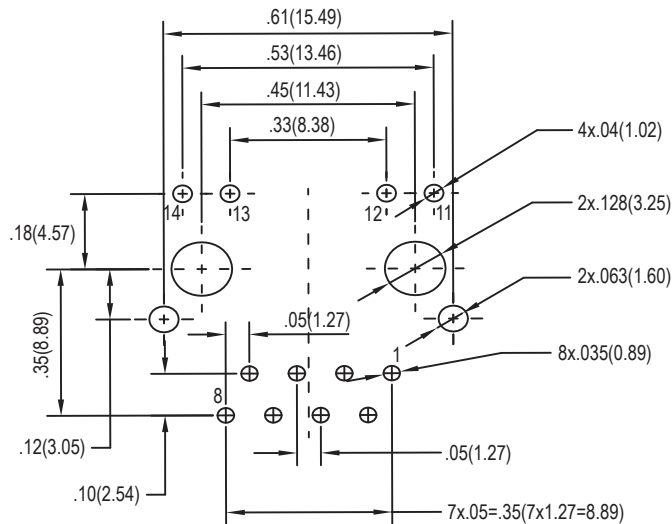


**SCHEMATICS**



**PCB LAYOUT**

DIMENSIONS: inch(mm)



**NOTES**

- 1. Connector Materials:**  
**Housing Material:** Thermoplastic PBT+30%G.F UL94V-0  
**Contact Material:** Phosphor Bronze C5210R-EH Thickness=0.35mm  
**Pins:** Brass C2680R-H Thickness=0.35mm  
**Shield:** Copper Alloy Brass H65Y Thickness=0.2mm  
**Contact Plating:** Gold 6μ" Min In contact area
- 2. Wave Solder temperature:** 265°C Max, 5Sec Max