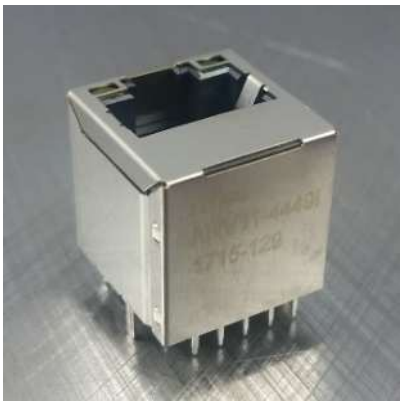
RoHS

Single Port Vertical Mount RJ45 — ARV11-4449I



- 10/100/1000 Gigabit Base-T for Ethernet Applications
- RJ45 Jack cavity conforms to FCC rules and regulations part 68, SUB Part F
- Industrial Temp: -40°C to +85°C
- Storage Temp: -40°C to +85°C
- DC Resistance: 1.2Ω Max
- Recommended for Wave Soldering process, peak soldering temperature is 260°C Max for 10sec Max

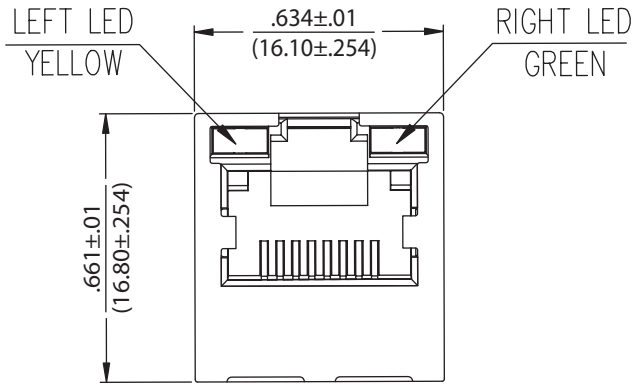
Electrical Specifications @ 25°C

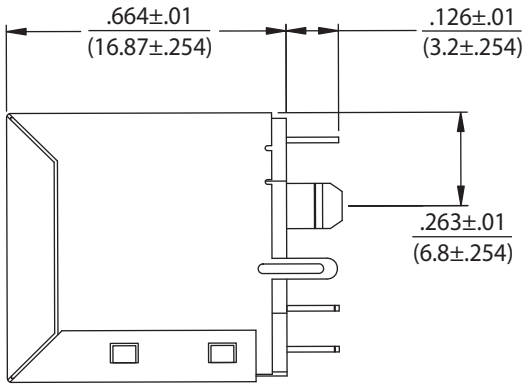
OCL(µH Min) @100KHz, 0.1V	Turns Ratio @100KHz	Insertion Loss (dB Max)	Return Loss (dB Min)				Cross Talk (dB Min)	CMR (dB Min)	Isolation PHY Side to Line Side
With 8mA DC Bias	(±2%)	1-100MHz	1-30MHz	30-60MHz	60-80MHz	80-100MHz	1-100MHz	1-100 MHz	
350	1CT:1CT	-1.0	-16	-12	-10	-8	-30	-30	2250 VDC

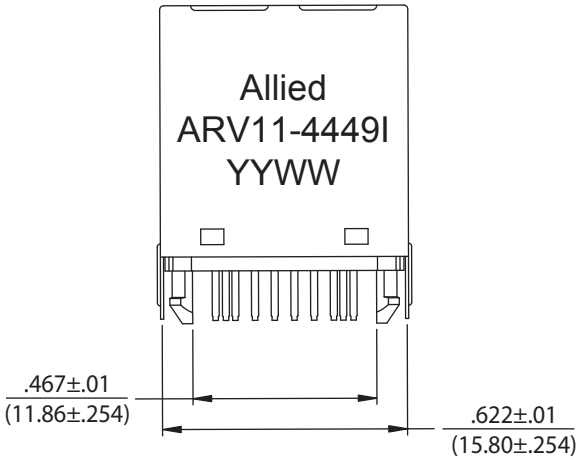
All specifications subject to change without notice.

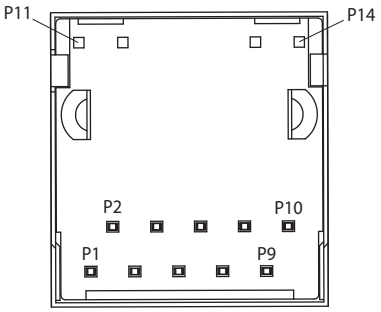
MECHANICAL

DIMENSIONS: inches (mm)



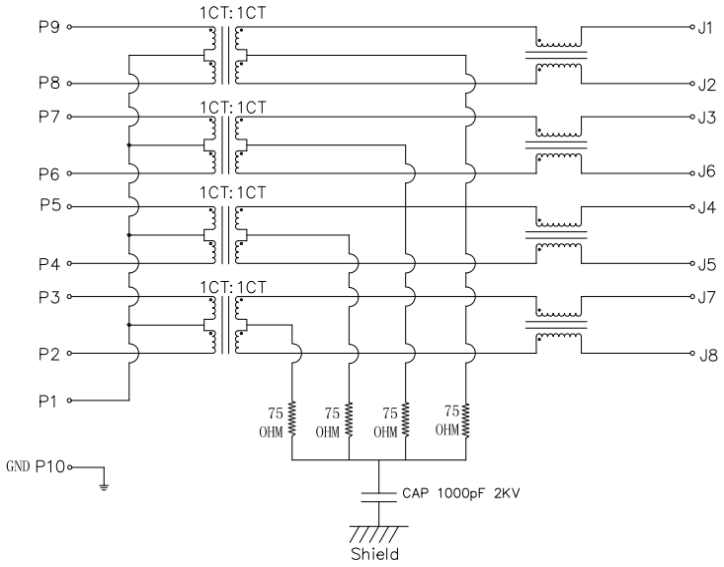






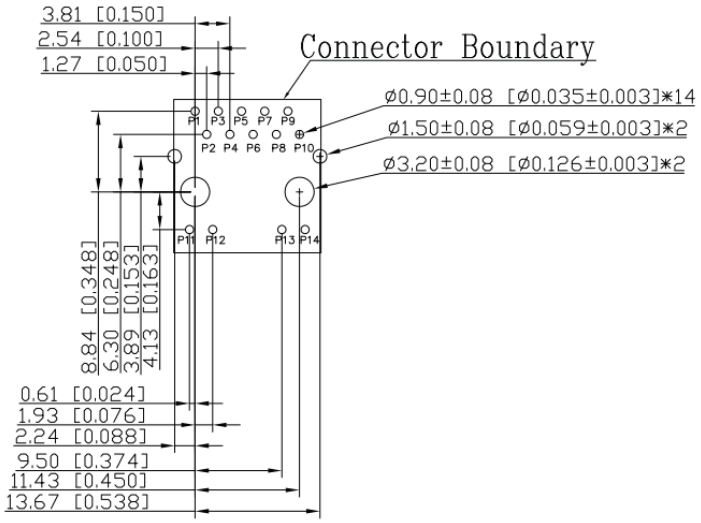
BOTTOM VIEW

SCHEMATIC



PCB LAYOUT

DIMENSIONS: mm [inches]



NOTES

Connector Material:
Housing: PA66 Black UL94V-0
Shield: Brass
Shield PLating: Nickel
Contact: Phosphor Bronze
Contact Plating: Selective Gold, 6µ" Min in Contact Area