

1x4 Quad Port RJ45 Connector with No Magnetics AR14NM-4601I

- 1x4 RJ45 without Magnetics
- Industrial Operating Temp: -40°C to +85°C
- Wave soldering temperature: 260°C±5°C 5-10 Sec
- Mates with modular plug conforming to FCC part 68, Subpart F



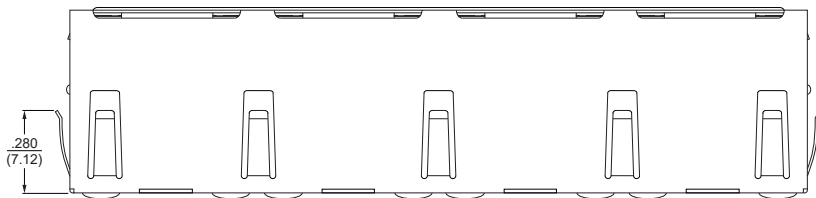
Electrical Specifications @ 25°C

Voltage Rating (VAC RMS)	Current Rating (A)	Contact Resistance (mΩ) Max	Insulation Resistance (MΩ) Min @ 500 VDC	Dielectric Strength Contact to Contact @ .5mA 50Hz or 60Hz / 60Sec		LED Operation Voltage (V)	LED Operation Current (mA) Max
125	1.5	20	1000	1000VAC	1500VDC	1.8 - 2.6	20

All specifications subject to change without notice.

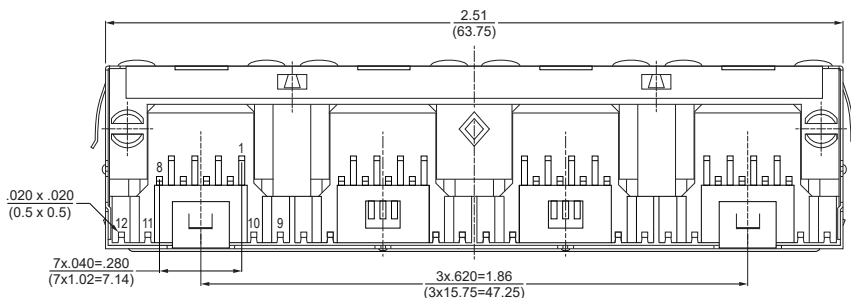
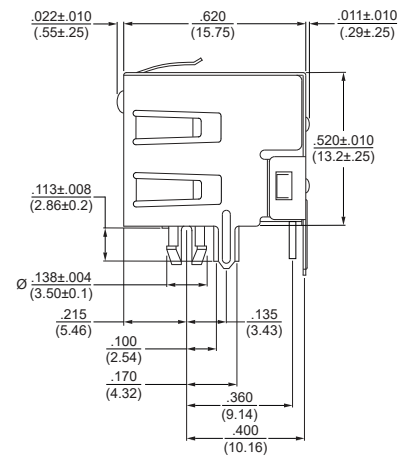
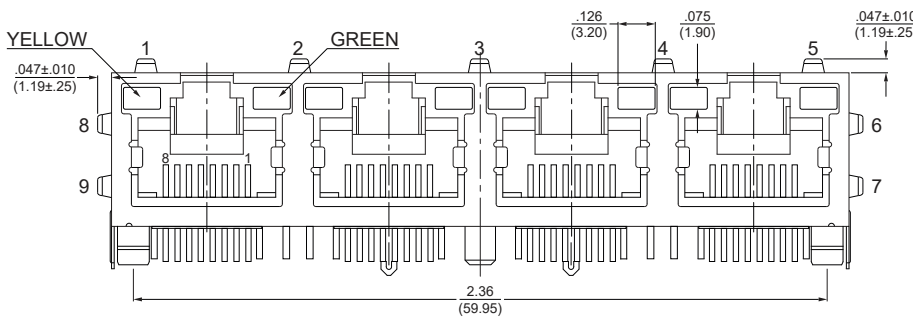
MECHANICAL

Dimension Unit: $\frac{\text{inch}}{\text{(mm)}}$



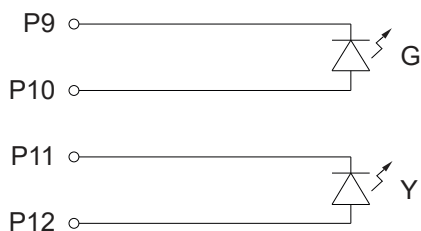
Part Marking

Allied
AR14NM-4601I
YYWW



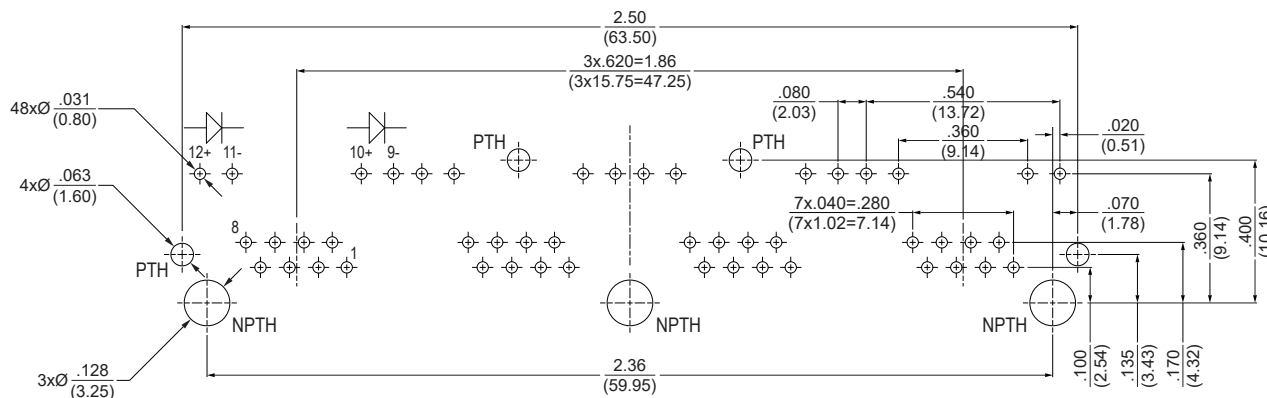


LED SCHEMATIC



PCB LAYOUT

Dimension Unit: $\frac{\text{inch}}{\text{mm}}$



NOTES

1. **Housing & Insert Material:** PA66 UL94V-0
2. **Contact Material:** Phosphor Bronze T=0.35mm
3. **Plating:** Gold Plating 50 μ " at Contact Area, Matte Tin at Tail 100 μ " Min. Nickel 30 μ " Min
4. **Shield:** Brass T=0.2mm Plated Nickel 30 μ " Min
5. **Mating/Unmating Force:** 30N/3.06KGf Max
6. **Retention Strength:** 50N Min for 60S \pm 5S