



### FEATURES:

- Combined functionality of series A00 :RJ45 Cat.5 Jacks with the signal capabilities of independent LED's mounted within the jack housing.
- Each jack can have one or two LED's.
- LED's available as either a single color with matching colored lens, or as a bi-color variant that utilizes a clear lens.
- Bi-color LED's can be made to change color simply by reversing the voltage polarity.
- Custom LED color combinations are available, as well as, the selective loading of contacts, custom contact plating and special shielding.
- Right angle jacks can be made with a larger housing that allows custom specified filter components
- **FCC Compliance: Part 68 Sub Part F**
- **RoHS Compliant**

### SPECIFICATIONS:

Housing Material: PBT Polyester, UL 94V-0  
 Contact Material: Phosphor Bronze, Gold Plating on Contact Area, Tin Plating on Tail Area all over Nickel underplate  
 Current Rating: 1.5A @25°C  
 Voltage Rating: 125V AC  
 Contact Resistance: 20 mΩ maximum  
 Dielectric Withstanding Voltage: 1000Vac  
 Insulation Resistance: 500 MΩ minimum  
 Durability: 750 cycles minimum  
 Operating Temperature: -40°C to +85°C  
 Wave Soldering Process: 260°C ± 5°C, 5~10 Seconds

### APPLICATIONS:

-Telecommunications:  
 Networks, Routers, Server Farms, LAN Adapter Cards  
 -Broadcast  
 Digital TV, Set Top Boxes, Video Streaming Equipment  
 Gaming Consoles, Amplifiers  
 -Data Products  
 Computers, Computer Peripherals, Consumer Products  
**PERFORMANCE:**  
 CAT3: 10 BASE-T  
 CAT5: 10/100 BASE-T  
 CAT5e: 10/100/1000 BASE-T or Gigabit Ethernet

### EXAMPLE PART NUMBER: A20-108-261-310

**SERIES:**  
 RJ45 MODULAR JACK W/ LED

**NO. OF PORTS:**  
 1 - 1 PORT  
 2 - 2 PORTS  
 .  
 8 - 8 PORTS

**NO. OF CONTACTS**  
 08 - 8 CONTACTS ON 1PORT  
 16 - 16 CONTACTS ON 2 PORTS  
 .  
 64 - 64 CONTACTS ON 8 PORTS  
 AA - 128 CONTACTS ON DUAL ROW 8 PORTS

**CONTACT PLATING:**  
 2 - GOLD FLASH  
 3 - 15 MICROINCHES OF GOLD  
 6 - 30 MICROINCHES OF GOLD  
 9 - 50 MICROINCHES OF GOLD

**CONTACT TAIL TYPE:**  
 2 - VERTICAL  
 6 - RIGHT ANGLE  
 7 - VERTICAL SURFACE MOUNT  
 8 - RIGHT ANGLE SURFACE MOUNT  
 9 - SURFACE MOUNT ONLY IN SINGLE PORT

**PORT TYPE:**  
 0 - SINGLE ROW OF PORT  
 1 - TWO ROW OF PORTS

**SHIELDING:**  
 0 - NO SHIELD  
 1 - METAL SHIELD

**RIGHT LED COLOR:**  
 0 - BLANK  
 1 - YELLOW  
 2 - RED  
 3 - GREEN  
 4 - BI-COLOR (GREEN/YELLOW)  
 5 - BI-COLOR (RED/GREEN)  
 6 - BI-COLOR (GREEN/ORANGE)  
 7 - BI-COLOR (RED/YELLOW)  
 8 - ORANGE

**LEFT LED COLOR:**  
 0 - BLANK  
 1 - YELLOW  
 2 - RED  
 3 - GREEN  
 4 - BI-COLOR (GREEN/YELLOW)  
 5 - BI-COLOR (RED/GREEN)  
 6 - BI-COLOR (GREEN/ORANGE)  
 7 - BI-COLOR (RED/YELLOW)  
 8 - ORANGE

