

### 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
- Applications: Telecommunications, Broadcast, Data Products
- Performance: Cat3 (10 Base-T), Cat5 (10/100 Base-T), Cat 5e (10/100/1000 Base-T) or Gigabit Ethernet
- RoHS Compliant



### Specifications:

Housing Material	PBT Polyester, UL 94V-0
Contact Material	Phosphor Bronze
Contact Plating	Gold Plating on contact area and Tin Plating on tails with Nickel underplating all over
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

### 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

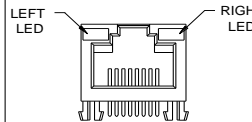
4 - BI-COLOR (GREEN/YELLOW)

5 - BI-COLOR (RED/GREEN)

6 - BI-COLOR (GREEN/ORANGE)

7 - BI-COLOR (RED/YELLOW)

8 - ORANGE



# Mouser Electronics

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