



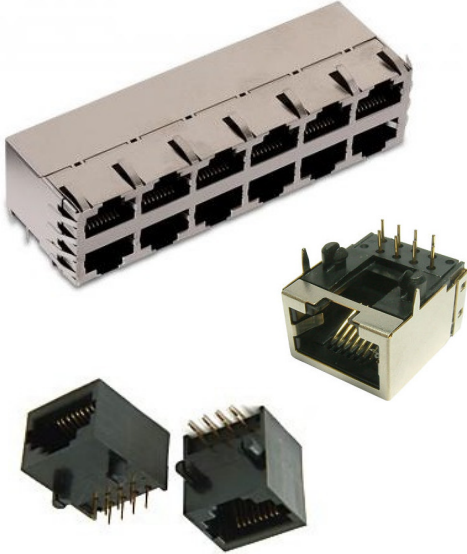
# SERIES A00

## STANDARD RJ45 MODULAR JACKS



### FEATURES:

- Top performance for high speed networking, voice and data applications
- Meet FCC PART 68, Subpart F requirements
- Industry standard footprint and height with low profile options available
- Available with or without shielding
- Ganged and/or stacked for multiple port requirements
- Advanced EMI / RFI protection with Grounding options (PCB or Panel)
- Both plugs and jacks can be fully or partially loaded
- Available in Tab-up (inverted latch) or Tab-down (standard I) for single port
- 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

### NOTE:

Registered Jack (RJ11) has only 6 contacts

### EXAMPLE PART NUMBER: A00-108-260-450

**SERIES:**  
 MODULAR JACK  
 REGISTERED JACK

**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

**CONNECTOR TYPE:**  
 1 - ADAPTER  
 2 - VERTICAL  
 5 - R/ANGLE SINGLE ROW WITH STOP  
 6 - R/ANGLE SINGLE ROW  
 7 - R/ANGLE TWO ROWS  
 8 - R/ANGLE SINGLE ROW HIGH PROFILE  
 9 - SURFACE MOUNT  
 0 - LOW PROFILE R/ANGLE (.460")  
 A - R/ANGLE SINGLE ROW WITH OPTIONAL PANEL STOP  
 B - MICROPIERCING CONNECTOR

### CONTACT ARRANGEMENT:

KEY	HIGH/LOW	PANEL
	PROFILE	STOP
0 -	NO LOW **	NO
1 -	YES LOW **	NO
2 -	NO HIGH	NO
3 -	YES HIGH	NO
4 -	NO HIGH	YES
5 -	YES HIGH	YES
6 -	NO LOW	YES
7 -	YES LOW	YES

\* - FLANGE ON VERTICAL ONLY  
 \*\* - VERTICAL AVAILABLE IN HIGH PROFILE ONLY

### RJ TYPE:

43- CAT 3 (WITH LATCH FOR ADAPTERS ONLY)  
 44 - CATEGORY 5e (WITH LATCH FOR ADAPTERS ONLY)  
 45 - CATEGORY 5 (WITH LATCH FOR ADAPTERS ONLY)  
 46 - CATEGORY 5 (NO LATCH FOR ADAPTERS ONLY)  
 11 - RJ11 (WITH LATCH FOR ADAPTERS ONLY)  
 12 - RJ11 (NO LATCH FOR ADAPTERS ONLY)

### SHIELDING:

0 - NO SHIELD  
 1 - METAL SHIELD (GRND BACK)  
 2 - METAL SHIELD (GRND FRONT)  
 3 - HALF METAL SHIELD  
 4 - METAL SHIELD ADAPTER  
 5 - METAL SHIELD (GRND BACK) WITH TOP PANEL GRND  
 6 - METAL SHIELD (GRND FRONT) WITH TOP PANEL GRND  
 7 - METAL SHIELD (GRND BACK) WITH TOP AND SIDE PANEL GRND  
 8 - METAL SHIELD (GRND FRONT) WITH TOP AND SIDE PANEL GRND  
 9 - METAL SHIELD (GRND FRONT) WITH BOTTOM PANEL GRND  
 A - METAL SHIELD (GRN BACK) WITH BOTTOM PANEL GRND  
 B - METAL SHIELD (GRN FRONT) WITH BOTTOM & TOP PANEL GRND  
 C - METAL SHIELD (GRN BACK) WITH BOTTOM & TOP PANEL GRND

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