



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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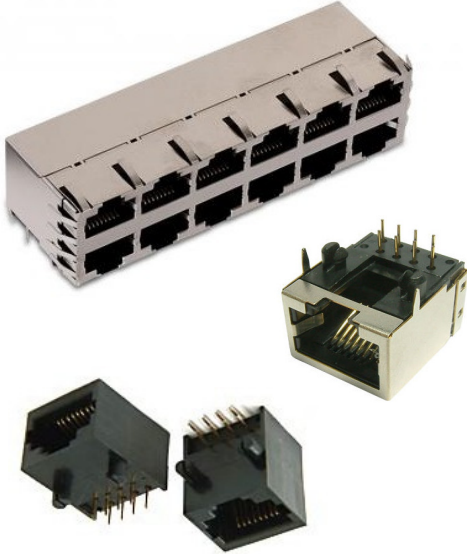
# SERIES A00

## 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 PROFILE	PANEL 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