EDAC

edacJAX

SERIES A00
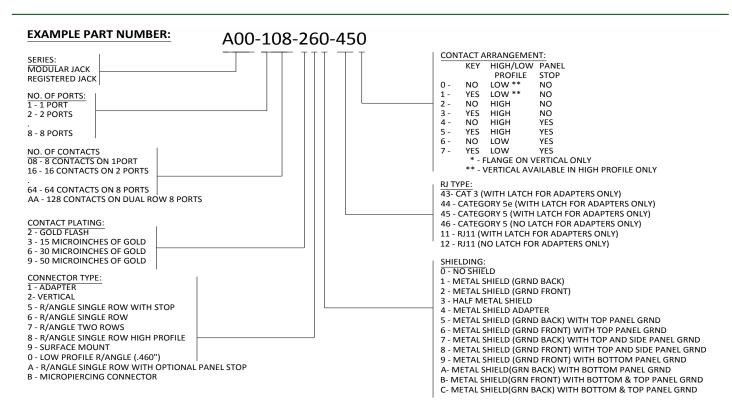## STANDARD RJ45 MODULAR JACKS

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 l) for single port**
- **Applications: Telecommunications, Broadcast, Data Products**
- **RoHS Compliant**

Note: Registered Jack (RJ11) has only 6 contacts

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: 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

*Please consult EDAC for the availability of the modular or magnetic jack if the part no is created using this ordering guide.

Mouser Electronics

Authorized Distributor

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