

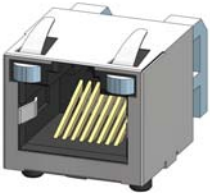
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About Amphenol Commercial Products

Amphenol's commercial connector products are used in a variety of end user applications including networking, telecom, server & computer, storage & HDD, consumer electronics and entertainment, professional audio & Industrial & Military/Aerospace.

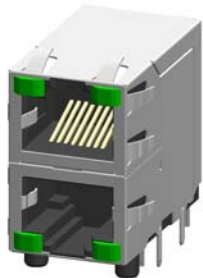
Related Products

RJSSE

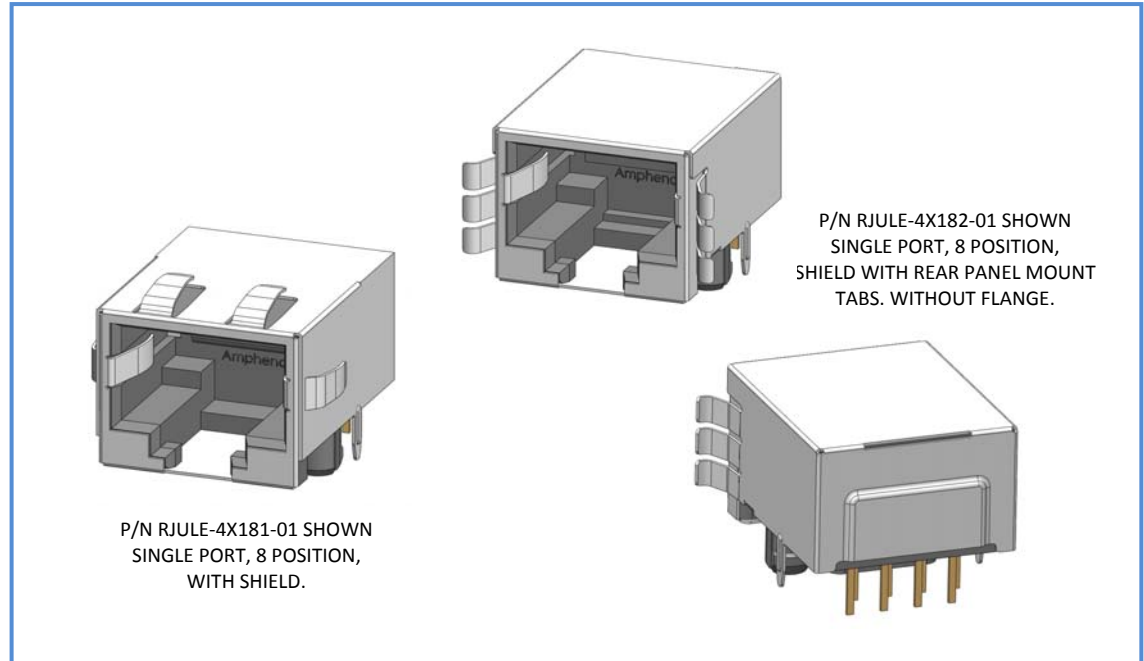


P/N RJSSE-5381-01 SHOWN
SINGLE PORT, 8 POSITION,
WITH SHIELD AND LIGHT PIPE

RJSAE



P/N RJSAE-5385-02 SHOWN
STACKED 2x1, 8 POSITION,
WITH SHIELD AND LEDs



P/N RJULE-4X181-01 SHOWN
SINGLE PORT, 8 POSITION,
WITH SHIELD.

P/N RJULE-4X182-01 SHOWN
SINGLE PORT, 8 POSITION,
SHIELD WITH REAR PANEL MOUNT
TABS. WITHOUT FLANGE.

Overview

This product specification defines the general use and performance parameters for Amphenol's RJULE ultra low profile series of modular jacks.

Availability: Single port, right angle connectors with a variety of shielding options.

Usage

The RJULE ultra low profile series of modular jacks supports Ethernet Protocols and is ideal for applications with height constraints. Shielding is available for increased EMI performance.

Applications

Intended for use in applications such as:

- Networking & Telecom
 - Wireless (WiMAX)
 - Network servers
 - Hubs, routers, switches
- Office & Home Equipment
 - PC's, Laptops, Copiers/Printers
 - Telephones, modems
 - Surge Protectors
 - ATMs, Vending Machines

Consumer Goods

- Security Systems
- Set Top Boxes
- Video Game Systems

Miscellaneous

- Multi-Media Equipment
- Industrial Equipment
- POS Terminals

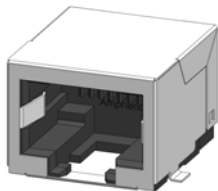
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Related Products

RJLSE

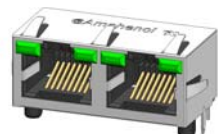


P/N RJLSE-41181-01 SHOWN
SINGLE PORT REGULAR MOUNT,
STANDARD SHIELD WITH SMT
TAB

RJHSE



P/N RJHSE-3081 SHOWN
SINGLE PORT VERTICAL MOUNT,
NO SHIELD, WITH LEDs



P/N RJHSE-5385-02 SHOWN
TWO PORT REGULAR MOUNT,
WITH SHIELD AND LEDs

Electrical Characteristics

Contact resistance:	20 mΩ max.
Insulation resistance:	500 MΩ minimum at 500V DC for 2 minutes max.
Current rating:	1.5 Amps
Voltage rating:	125 Volts AC
DWV	1000 VAC, 60 Hz. 1 min.

Mechanical Characteristics

Mating connector insertion force: 5.0 lbs. Maximum.
Mating connector pull retention force: 20 lbs Minimum.
Durability: 750 mating & unmating cycles.
Recommended soldering temperature: Wave soldering peaked at 260° C for 5 seconds maximum.
Suitable for IR Reflow

Operating temperature: -55° C to +85° C

Material Requirements

RJULE connectors are RoHS compliant.
Unless otherwise specified, the materials for each component shall be:

Housing:

- High temperature engineering thermoplastic, flammability rating UL 94V-0
- RoHS compliant

Contacts:

- Phosphor Bronze

Plating:

- Gold plated on mating surfaces over 50μ" (1.27 microns) min. nickel underplate.
- 100μ" (2.54 microns) min. matte tin on contact tails.

Shield:

- Copper alloy; Nickel plated

Available Documents

Drawing Numbers:

P-RJULE-4X181-01	8 Position, Ultra low profile, single port, with shield
P-RJULE-4X183-14	8 Position, Ultra low profile, 4 port, with shield, sink PCB type

Contact factory or Authorized Amphenol representative for additional configurations

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