

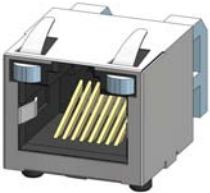
*Now you're connected!*

### 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.

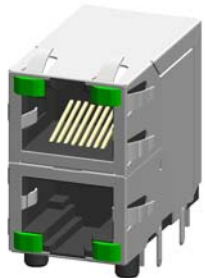
### Related Products

#### RJSSE

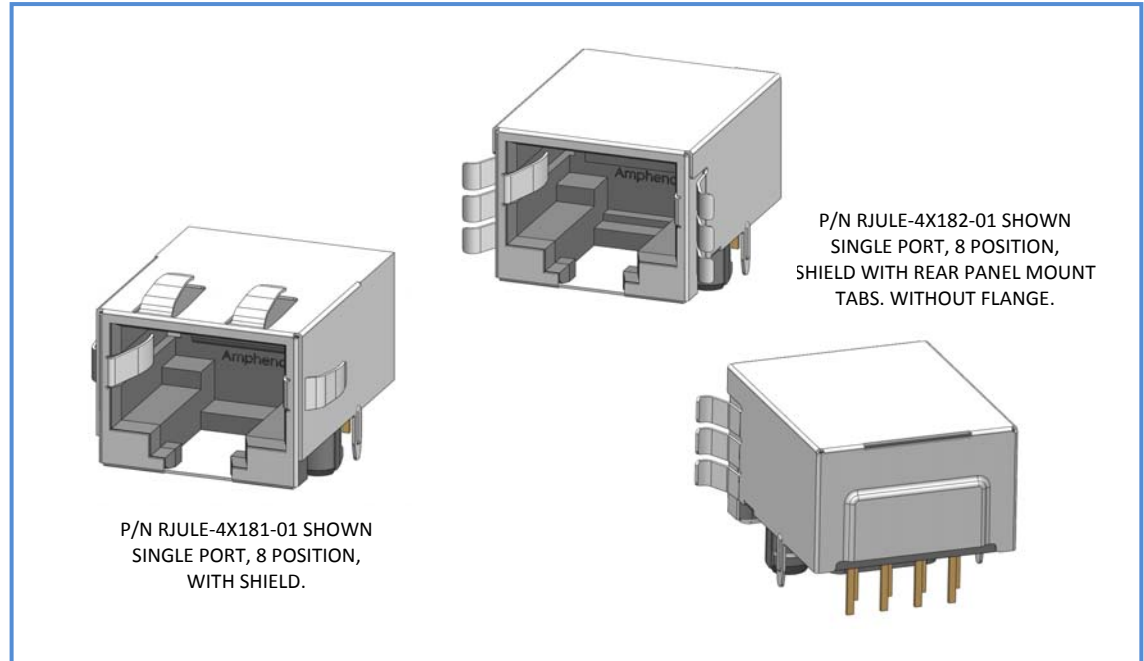


P/N RJSSE-5381-01 SHOWN  
SINGLE PORT, 8 POSITION,  
WITH SHIELD AND LIGHT PIPE

#### 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

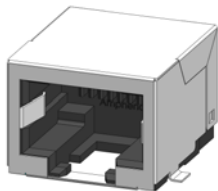
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## Related Products

### RJLSE

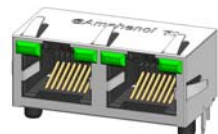


P/N RJLSE-41181-01 SHOWN  
SINGLE PORT REGULAR MOUNT,  
STANDARD SHIELD WITH SMT  
TAB

### 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

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

## Amphenol:

[RJULE4218101](#) [RJULE4018301](#) [RJULE4318201](#) [RJULE4118301](#) [RJULE4018201](#) [RJULE4318101](#)  
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