

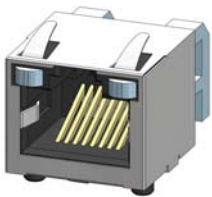
*Now you're connected!*

### 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

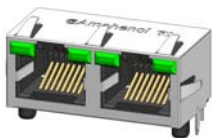


P/N RJSSE-5381 SHOWN  
SINGLE PORT, 8 POSITION,  
WITH SHIELD AND LIGHT PIPE

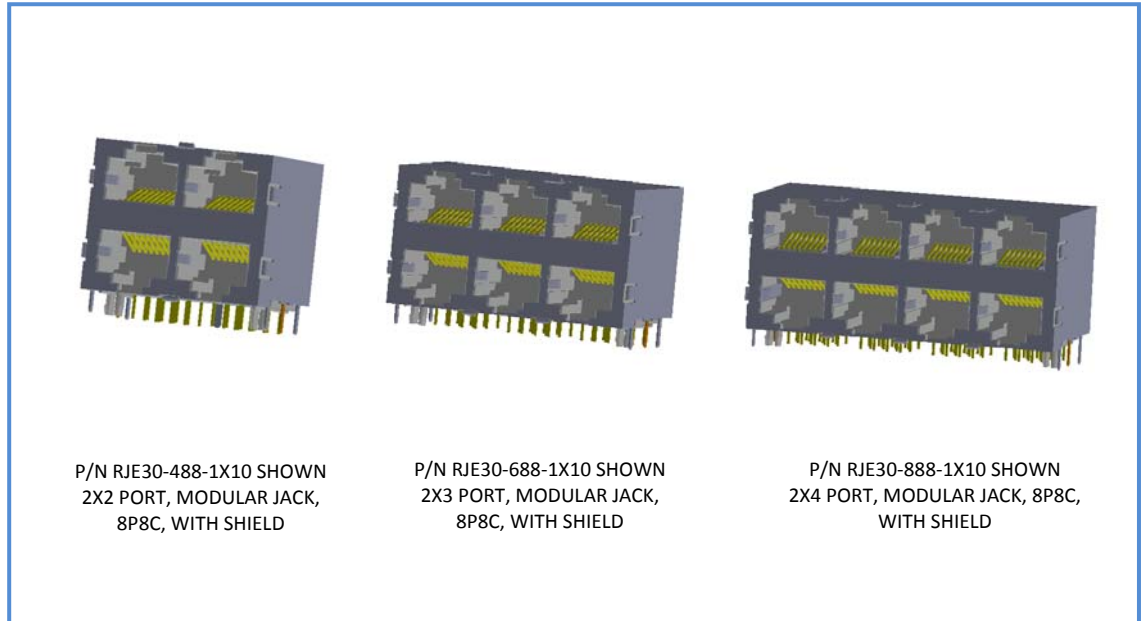
#### RJHSE



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



P/N RJE30-488-1X10 SHOWN  
2X2 PORT, MODULAR JACK,  
8P8C, WITH SHIELD

P/N RJE30-688-1X10 SHOWN  
2X3 PORT, MODULAR JACK,  
8P8C, WITH SHIELD

P/N RJE30-888-1X10 SHOWN  
2X4 PORT, MODULAR JACK, 8P8C,  
WITH SHIELD

### Overview

This product specification defines the general use and performance parameters for Amphenol's RJE30 series of modular jacks.

Availability: 2X1, 2X2, 2X3, 2X4, 2X5, 2X6, 2X8 ports available with a wide variety of shielding options.

### Usage

The RJE30 stackable modular jacks supports Ethernet Protocols.

### 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

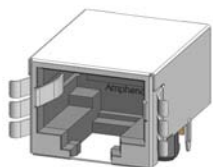
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## Related Products

### RJULE



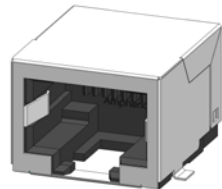
P/N RJULE-4X182-01 SHOWN  
SINGLE PORT REGULAR MOUNT,  
STANDARD SHIELD WITH SMT

### FRJAE



P/N FRJAE-418 SHOWN  
SINGLE PORT, 8 POSITION,  
WITH FERRITE FILTER AND  
SHIELD (FRONT TABS)

### RJLSE



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

## 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.
Connectors is suitable for IR Reflow.	
Operating temperature:	-40° C to +85° C

## Material Requirements

RJE30 connectors are RoHS compliant.

Unless otherwise specified, the materials for each component shall be:

Insulator:

- Engineering thermoplastic. Complies with UL 94V-0, Black color

Contacts:

- Phosphor Bronze hard temper with gold thickness options (6μ", 15μ", 30μ", 50μ") over 50μ" minimum Nickel on contact mating area.
- 100μ" minimum matte tin plating on soldering tail

Shield:

- Cooper alloy with Nickel plating underplated.

## Available Documents

### Drawing Numbers:

P-RJE30-X88-XXXX

Modular jack, 8P8C, optional shielding. 2X1, 2X2, 2X3, 2X4, 2X5, 2X6, 2X8 ports versions.

Contact factory or Authorized Amphenol representative for additional configurations