

# RJE01

## Product Specification S6076C Rev 0.1

Amphenol

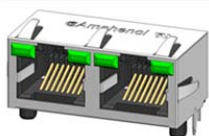
*Now you're connected!*

### 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.

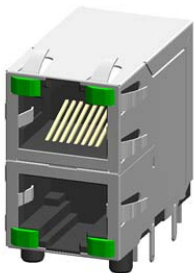
### Related Products

#### RJHSE



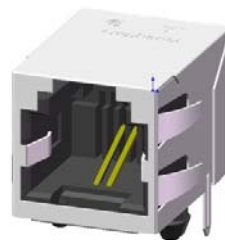
P/N RJHSE-5385-02 SHOWN  
TWO PORTS, 8 POSITIONS,  
WITH SHIELD AND LEDs

#### RJSAE



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

Consumer Goods  
Revision date: FEB 28, 2013



P/N RJE01-622-01 SHOWN  
SINGLE PORT REGULAR MOUNT,  
WITH SHIELD



P/N RJE01-662-01 SHOWN  
SINGLE PORT REGULAR MOUNT,  
WITH SHIELD

### Overview

This product specification defines the general use and performance parameters for Amphenol's RJE01 series of inverted modular jacks.

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

### Usage

The RJE01 inverted modular jacks with superior EMI performance supports Ethernet Protocols. Shielding 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

- Security Systems
- Set Top Boxes
- Video Game Systems

Miscellaneous

- Multi-Media Equipment
- Industrial Equipment
- POS Terminals

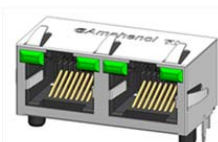
# Now you're connected!

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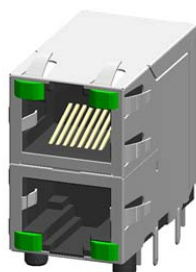
## Related Products

### RJHSE



P/N RJHSE-7060 SHOWN  
SINGLE PORT, 6 POSITIONS,  
WITHOUT SHIELD

### RJSAE



P/N RJSAE-5385-02 SHOWN  
STACKED 2x1, 8 POSITION,  
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.

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

## Material Requirements

RJE01 connectors are RoHS compliant.  
Unless otherwise specified, the materials for each component shall be:

Insulator:

- High Temp 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:

- Stainless Steel with tin dipped tails

## Available Documents

### Drawing Numbers:

P-RJE01-6XX-XX-X      6 Position Modular Jack, optional Shielding, 1, 2 port versions  
Contact factory or Authorized Amphenol representative for additional configurations

# Mouser Electronics

Authorized Distributor

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

## Amphenol:

<a href="#"><u>RJE0162001</u></a>	<a href="#"><u>RJE01G4502</u></a>	<a href="#"><u>RJE0112502</u></a>	<a href="#"><u>RJE0164502</u></a>	<a href="#"><u>RJE01G6502</u></a>	<a href="#"><u>RJE01J4501</u></a>	<a href="#"><u>RJE01J4002</u></a>	<a href="#"><u>RJE01G2501</u></a>
<a href="#"><u>RJE0114201</u></a>	<a href="#"><u>RJE01J6502</u></a>	<a href="#"><u>RJE01G2002</u></a>	<a href="#"><u>RJE0116202</u></a>	<a href="#"><u>RJE01G6201</u></a>	<a href="#"><u>RJE01G4002</u></a>	<a href="#"><u>RJE0162501</u></a>	<a href="#"><u>RJE0162202</u></a>
<a href="#"><u>RJE01J2201</u></a>	<a href="#"><u>RJE0114502</u></a>	<a href="#"><u>RJE01G2001</u></a>	<a href="#"><u>RJE01J4001</u></a>	<a href="#"><u>RJE0112501</u></a>	<a href="#"><u>RJE0112002</u></a>	<a href="#"><u>RJE01G4501</u></a>	<a href="#"><u>RJE0116201</u></a>
<a href="#"><u>RJE0164101</u></a>	<a href="#"><u>RJE0116502</u></a>	<a href="#"><u>RJE01G2202</u></a>	<a href="#"><u>RJE01J6501</u></a>	<a href="#"><u>RJE01G4001</u></a>	<a href="#"><u>RJE01J2502</u></a>	<a href="#"><u>RJE0162201</u></a>	<a href="#"><u>RJE01J6002</u></a>
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