



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# RJE01

## Product Specification S6076C Rev 0.1

Amphenol

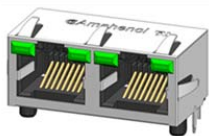
*Now you're connected!*

### 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.

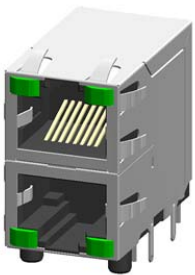
### Related Products

#### 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

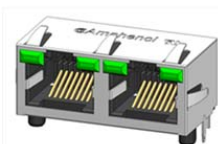
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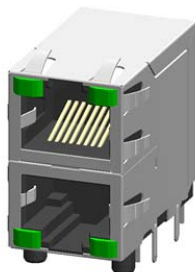
## Related Products

### 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