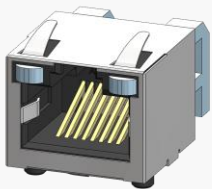


### About Amphenol Commercial Products

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.

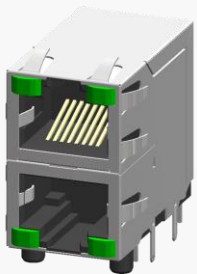
### Related Products

#### RJSSE

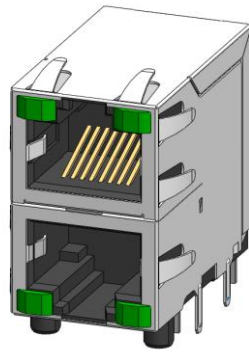


P/N RJSSE-5081 SHOWN  
SINGLE PORT, 8 POSITION, WITH  
SHIELD AND LIGHT PIPE

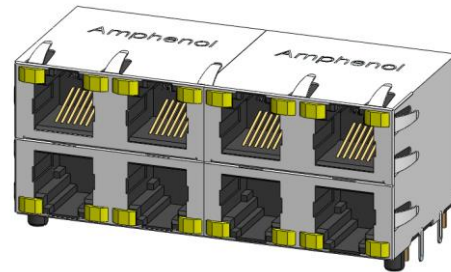
#### RJSAE



P/N RJSAE-5385-02 SHOWN  
STACKED 2X1, 8 POSITION, WITH  
SHIELD AND LEDs



P/N RJSAE-5385-02 SHOWN  
STACKED 2X1, 8 POSITION, WITH  
SHIELD AND LEDs



P/N RJSAE-7366-08X SHOWN  
STACKED 2X4, 6 POSITION, WITH  
SHIELD AND LEDs

### OVERVIEW

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

Availability: 2x1, 2x2 and 2x4 ports available with a wide variety of LED and shielding options.

### USAGE

The RJSAE stackable modular jacks supports Ethernet Protocols. Shielding available with and without a Ferrite filter for increased EMI performance and LEDs for Link Activity and Network Speed verification.

### APPLICATIONS

Intended for use in applications such as:

#### Data

- Storage
- Servers
- Routers
- Switches
- Hubs

#### Networking & Telecom

- 5G Wireless
- Telephones
- Modems
- Fax Machines

#### Consumer Goods

- Security Systems
- Set Top Boxes
- Video Game Systems
- PCs, Laptops
- Copiers, Printers

#### Medical

- Analysis Equipment
- Mass Spectrometers

#### Industrial and Instrumentation

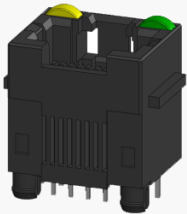
- Uninterruptible Power Supply (UPS)
- ATMs
- Vending Machines
- POS Terminals
- Industrial IoT Platforms

## About Amphenol Commercial Products

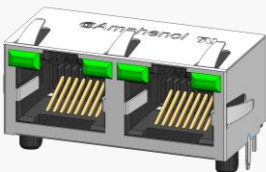
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## Related Products

### 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

<b>Contact Resistance</b>	20 mΩ maximum
<b>Insulation Resistance</b>	500 MΩ minimum at 500V DC for 2 minutes maximum
<b>Current Rating</b>	1.5 Amps per contact
<b>Voltage Rating</b>	125 Volts AC
<b>DWV</b>	Contact to Contact is 1000 VAC, 60 Hz, 1 min
<b>LED Forward DC Current</b>	20 mA typical
<b>LED Forward Voltage</b>	1.9 Volts max. @ 2mA (for single colours) 2.6 Volts max. @20mA (for Bi-colours)
<b>LED Reverse Voltage</b>	5 Volts minimum
<b>LED Light Intensity</b>	0.4 to 1.5 mcd @ 2mA (for single colours) 0.5 mcd min. @ 2mA (for Bi-colours)
<b>LED Wavelength</b>	Yellow: 587 ± 7nm measured @20mA Green: 565 ± 56m measured @20mA Red: 625 ± 5nm measured @ 20mA

Supports PoE, PoE+, and PoE++ per IEEE PoE standards  
IP20 rated per IEC 60529

## MECHANICAL CHARACTERISTICS

<b>Mating Connector Insertion Force</b>	5.0 lbs maximum
<b>Mating Connector Pull Retention Force</b>	20.0 lbs minimum
<b>Durability</b>	750 mating and unmating cycles for 50μ" gold plating
<b>Recommended Soldering Temperature</b>	Wave soldering peaked at 260°C for 5 seconds
<b>Operating Temperature</b>	-40°C to +70°C

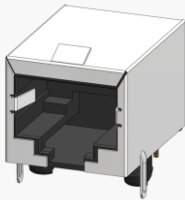
UL File #: E135615

## About Amphenol Commercial Products

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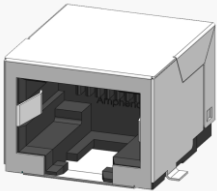
## Related Products

### 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

## MATERIAL REQUIREMENTS

RJSAE connectors of RoHS compliant.

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

<b>Insulator</b>	Engineering thermoplastic, flammability rating UL 94V-0
<b>Contacts</b>	-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
<b>Shield</b>	Copper alloy with Nickel on contact mating area
<b>LED</b>	Pure Tin plating on LED tail

## AVAILABLE DOCUMENTS

Below is a list of the most popular standard sales drawings:

Contact our website, sales, or an authorized Amphenol representation for additional drawings.

<b>RJSAE-X38X-02X</b>	2X1 Stackable Modular Jack, with LEDs
<b>RJSAE-XF8X-A4X</b>	Stackable Multi-Port, 4 Ports, with LEDs
<b>RJSAE-528X-A8X</b>	4 over 4 ports, shield with top and side tabs, with LEDs