

*Now you're connected!*

### About Amphenol Commercial Products

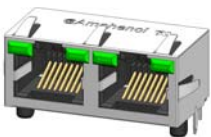
Amphenol's commercial connector products are used in a variety of end user applications including networking, telecom, server & computer, storage & HDD, consumer electronics and entertainment, professional audio & Industrial & Military/Aerospace.

### Related Products

#### RJHSE



P/N RJHSE-3081 SHOWN  
SINGLE PORT VERTICAL MOUNT,  
NO SHIELD, WITH LEDs

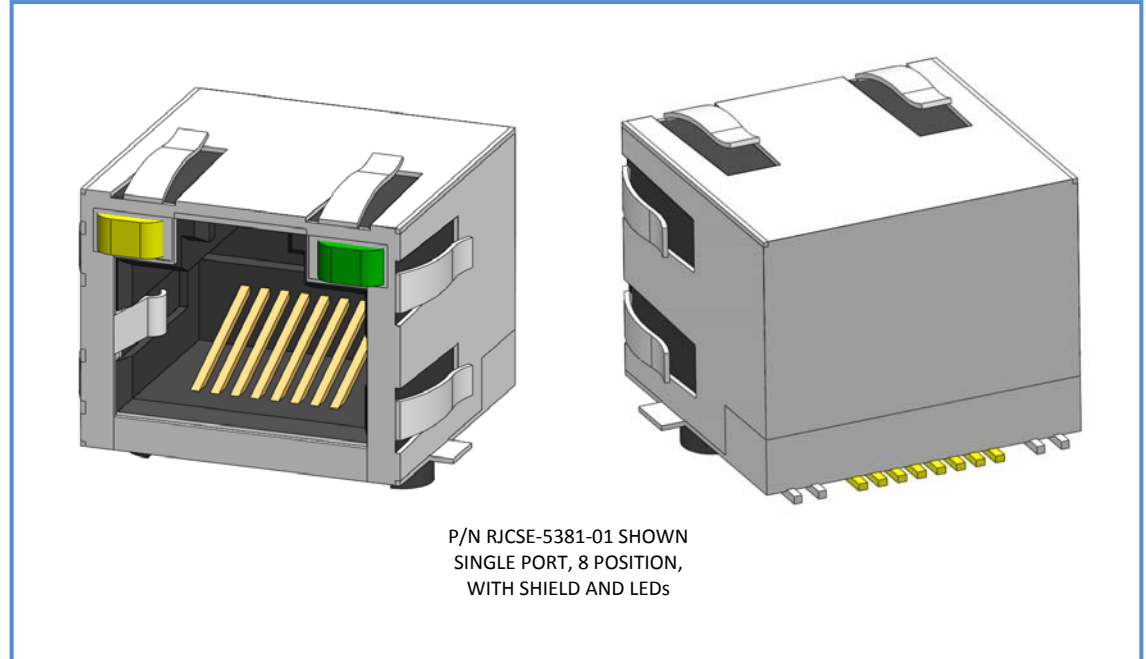


P/N RJHSE-5385-02 SHOWN  
TWO PORT REGULAR MOUNT,  
WITH SHIELD AND LEDs

#### RJSAE



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



P/N RJCSE-5381-01 SHOWN  
SINGLE PORT, 8 POSITION,  
WITH SHIELD AND LEDs

### Overview

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

Availability: Single port connectors, shielded versions available with LED options.

### Usage

The RJCSE Surface Mount modular jacks supports Ethernet Protocols. Shielding provides increased EMI performance and LED's are available for Link Activity and Network Speed verification.

### 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

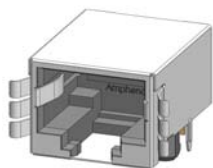
# Now you're connected!

## 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

### RJULE



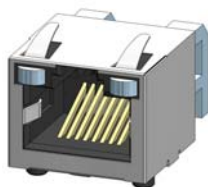
P/N RJULE-4X182-01 SHOWN  
SINGLE PORT REGULAR MOUNT,  
STANDARD SHIELD WITH SMT

### FRJAE



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

### RJSSE



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

## 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.
LED forward DC current:	20mA typical
LED forward Voltage:	1.9 Volts max. @ 2mA (for single colors) 2.6 Volts max. @ 20mA (for Bi-colors)
LED reverse voltage:	5 Volts minimum
LED light intensity:	0.4 to 1.5 mcd @ 2mA (for single colors) 0.5 mcd min. @ 2mA (for Bi-colors)
LED wave length:	Yellow: 587± 7 nm measured @ 20mA Green: 565± 6 nm measured @ 20mA Red: 625± 5 nm measured @ 20mA

## Mechanical Characteristics

Mating connector insertion force: 5.0 lbs. Maximum.  
Mating connector pull retention force: 20 lbs Minimum.  
Durability: 750 mating & unmating cycles (for 50μ" gold plating option)  
Connectors are suitable for IR reflow at 245° C for max 10 seconds  
Operating temperature: -55° C to +85° C

## Material Requirements

RJCSE 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 (15μ", 50μ") over 50μ" minimum Nickel on contact mating area.
- gold flash over nickel on soldering tail

Shield:

- Copper alloy with Nickel plating

LED:

- Epoxy lens with Pure tin plating on LED tail

## Available Documents

### Drawing Numbers:

P-RJCSE-X38X-01X SMT, Single Port, 8 Position Modular Jack. Shielded with LED options  
Contact factory or Authorized Amphenol representative for additional configurations

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Modular Connectors](#) / [Ethernet Connectors](#) category:*

*Click to view products by [Amphenol](#) manufacturer:*

Other Similar products are found below :

[RJE231881317T](#) [MP1010RX-1000](#) [MP44RX-1000](#) [GAX-3-66](#) [GAX-8-62](#) [93606-0253](#) [GD-A-44](#) [GDCX-PA-66-50](#) [GDCX-PN-64](#) [GDCX-PN-66](#) [GDCX-PN-66-50](#) [GDLX-A-66](#) [GDLX-A-88](#) [GDLX-N-66](#) [GDLX-S-88K](#) [GDTX-S-88-50](#) [GDX-PA-1010](#) [GLX-N-1010M-BLK](#) [GLX-N-44M](#) [GLX-S-88M-BLK](#) [GMX-N-1010](#) [GMX-S-1010](#) [GMX-S-66](#) [GMX-SMT2-N-1010](#) [GMX-SMT2-N-64-50](#) [GMX-SMT2-S6-88](#) [GMX-SMT4-N-88](#) [GPX-2-64](#) [GRT1-BT1-5](#) [GSGX-N-2-88](#) [GSX-NS2-88-3.05](#) [GSX-NS2-88-3.05-50](#) [GSX-NS-88-3.05-30](#) [GSX-NS-88-3.05-50](#) [GSX-NS-88-3.68](#) [1-1775629-2](#) [GWLX-S-88-GR](#) [GWLX-S9-88-YG](#) [1300500326](#) [1300500227](#) [1300530003](#) [1300570002](#) [1324640-4](#) [RJ11FTVC2G](#) [RJ11FTVC2N](#) [RJFTVX2SA1G](#) [132764-001](#) [1400000](#) [1413176](#) [1413235](#)