

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.

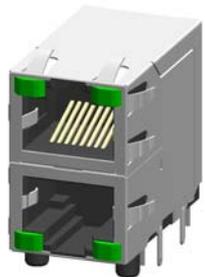
Related Products

RJSSE

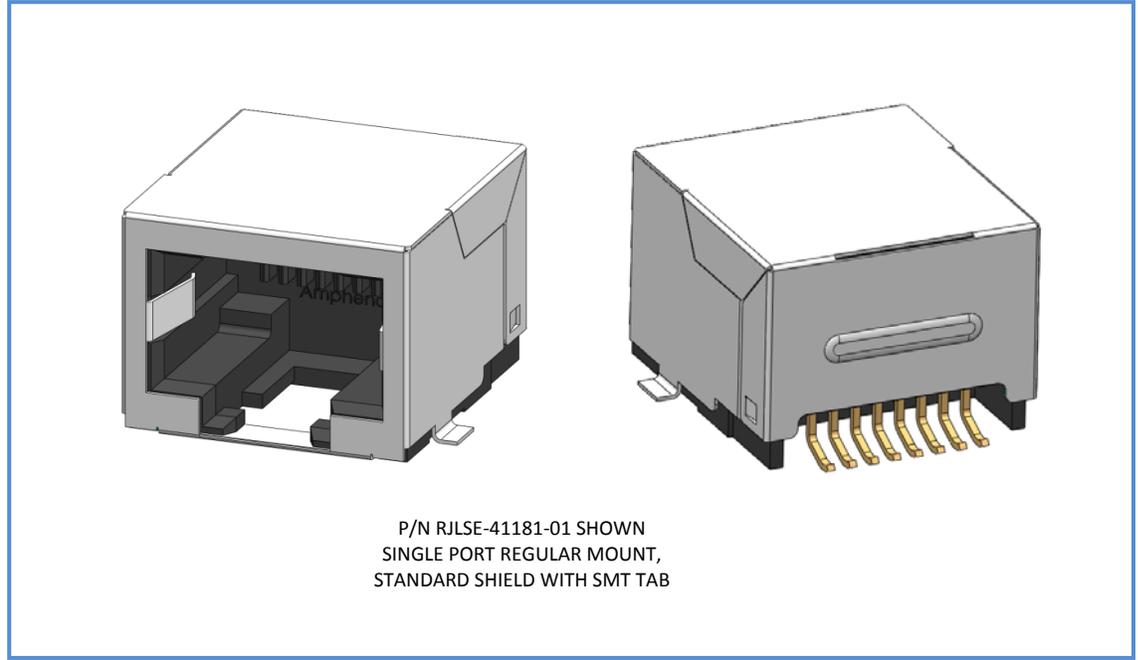


P/N RJSSE-5081 SHOWN
SINGLE PORT, 8 POSITION,
WITH SHIELD AND LIGHT PIPE

RJSAR



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



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

Overview

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

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

Usage

The RJLSE surface mount 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

Consumer Goods

- Security Systems
- Set Top Boxes
- Video Game Systems

Miscellaneous

- Multi-Media Equipment
- Industrial Equipment
- POS Terminals

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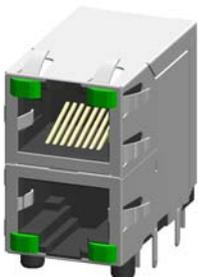
Related Products

RJSSE



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

RJSAR



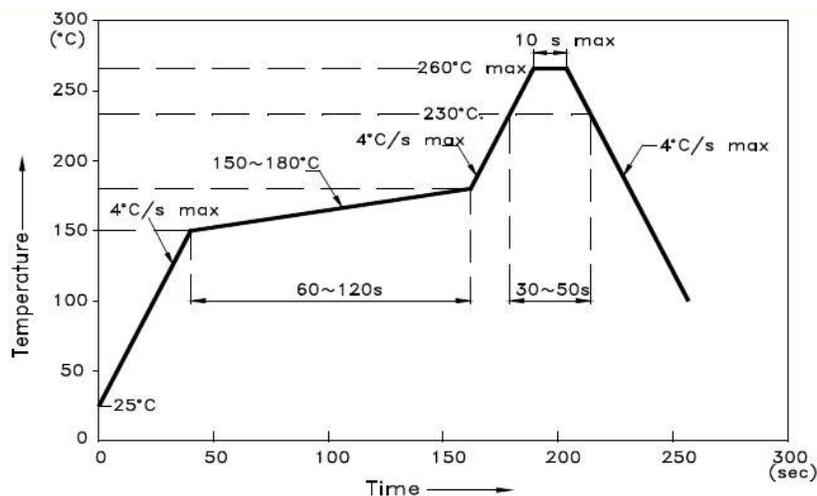
P/N RJSAR-5385-02 SHOWN STACKED 2x1, 8 POSITION, WITH SHIELD AND LEDS

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: Lead free reflow soldering up to 260° C for 10 seconds.
 Refer to recommended reflow profile below. A maximum of three reflow passes are permitted.
 Refer to J-STD-033 for safe handling procedures for SMD's.



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

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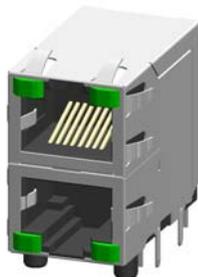
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RJSSE



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

RJSAR



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

Material Requirements

RJLSE connectors are RoHS compliant.

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

Insulator:

- High Temp thermoplastic. Complies with UL 94V-0, Black is standard but other color options are available.

Contacts:

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

Shield:

- Copper alloy; Nickel or matte tin plated

Available Documents

Drawing Numbers:

P-RJLSE-4X1XX-02

8 Position, Contact options, with shield, gold plating and housing options

P-RJLSE-4X2XX-01

8 Position, Contact options, without shield, with hold down bracket and tray packaging

P-RJLSE-6X0XX-01X

6 Position, Contact options, without shield, with gold plating and packaging options

Contact factory or Authorized Amphenol representative for additional configurations