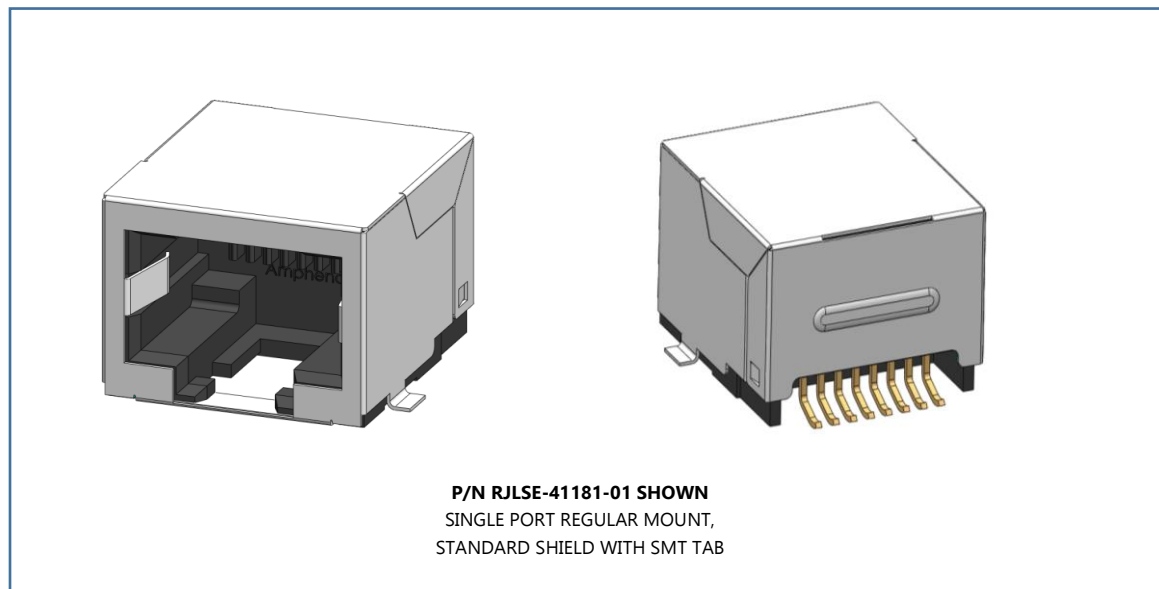


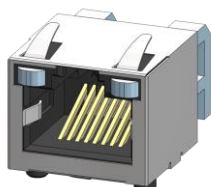
About Amphenol Commercial Products

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.



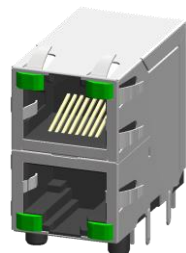
Related Products

RJSSE SERIES



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

RJSAR SERIES



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

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:

Data

- Storage
- Servers
- Routers
- Switches
- Hubs

Consumer Goods

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

Industrial and Instrumentation

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

Networking & Telecom

- 5G Wireless
- Telephones
- Modems
- Fax Machines

Medical

- Analysis Equipment
- Mass Spectrometers

Amphenol Canada Corp.
605 Milner Avenue
Toronto, Ontario, Canada M1B 5X6

www.amphenol-icc.com
(416) 291-4401
sales@amphenolcanada.com

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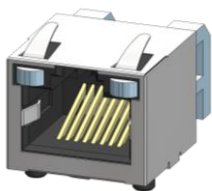
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ELECTRICAL CHARACTERISTICS

Contact Resistance	20mΩ maximum
Insulation Resistance	500 MΩ minimum at 500V DC for 2 minutes maximum
Current Rating	1.5 Amps per contact
Voltage Rating	125 Volts AC
DVV	Contact to Contact: 1,000 VAC, 60 Hz, 1 min Contact to Shield: 1,500 VAC, 60 Hz, 1 min

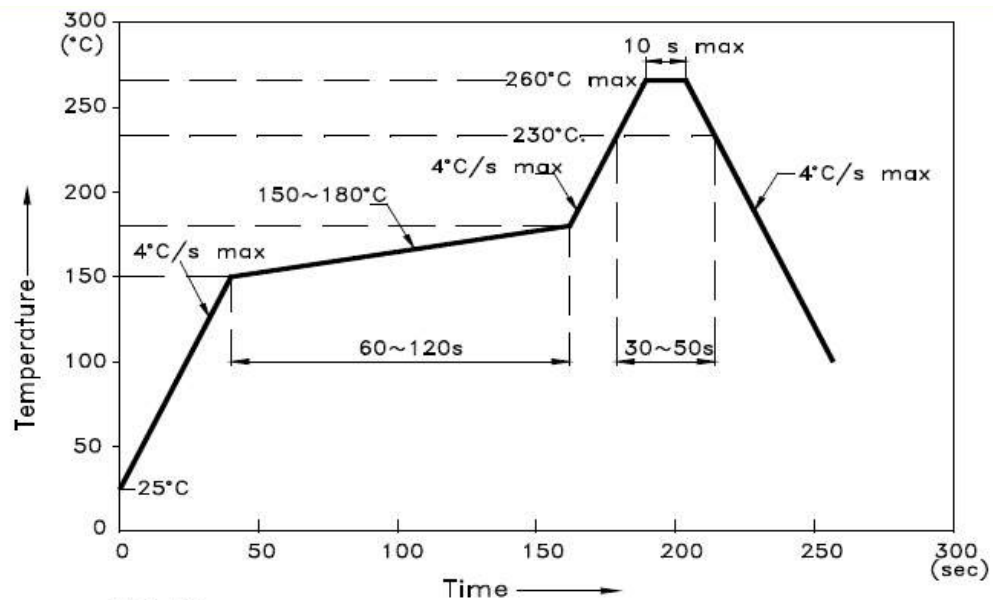
Supports PoE Type1, Type2, Type 3, and Type 4 per IEEE PoE standards
IP20 rated per IEC 60529
TIA 1096 Compliant

MECHANICAL CHARACTERISTICS

Mating Connector Insertion Force	5.0 lbs maximum
Mating Connector Pull Retention Force	20.0 lbs minimum
Durability	750 mating and unmating cycles for 50μ" gold plating
Recommended Soldering Temperature	Lead free reflow soldering up to 260°C for 10 seconds (refer to reflow profile below, maximum of 3 reflow passes permitted)
Operating Temperature	-55°C to +85°C

UL File#: E135615

Refer to J-STD-033 for safe handling procedures for SMDs.



Amphenol Canada Corp.
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Toronto, Ontario, Canada M1B 5X6

www.amphenol-icc.com
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sales@amphenolcanada.com

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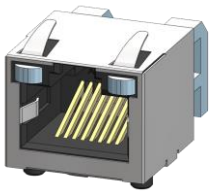
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P/N RJSAR-5385-02 SHOWN
STACKED 2X1, 8 POSITION, WITH
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MATERIAL REQUIREMENTS

RJLSE connectors are RoHS compliant.

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

Insulator	High temperature thermoplastic, flammability rating UL 94V-0
Contacts	-Phosphor Bronze hard temper with gold thickness options (6μ", 15μ" 30μ", 50μ") over 50μ" minimum Nickel on contact mating area. Gold flash with Palladium Nickel is also available. -100μ" minimum matte Tin over Nickel on soldering tail
Shield	Copper alloy, Nickel or matte Tin plated

MOISTURE LEVEL SENSITIVITY

The Moisture Sensitivity Level for RJLSE connector is MSL-2a.

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.

RJLSE-4X0XX-01X	Single port, surface mount, without shield
RJLSE-4X1XX-01X	Single port, surface mount, shielded with no EMI tabs
RJLSE-4X2XX-01X	Single port, surface mount, without shield, with hold down bracket
RJLSE-4X3XX-01X	Single port, surface mount, shielded with hole through tails
RJLSE-4X4XX-01X	Single port, surface mount, shielded with top and side EMI tabs
RJLSE-6X0XX-01X	Single port, surface mount, 6 position, without shield
RJLSE-6X1XX-01X	Single port, surface mount, 6 position, shielded with no EMI tabs
RJLSE-6X2XX-01X	Single port, surface mount, 6 position, without shield, with hold down bracket
RJLSE-6X3XX-01X	Single port, surface mount, 6 position, shielded with hole through tails
RJLSE-4X1XX-02X	Two ports, surface mount, shielded with no EMI tabs
RJLSE-4X3XX-02X	Two ports, surface mount, shielded with hole through tails

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