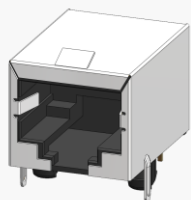


About Amphenol Commercial Products

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.

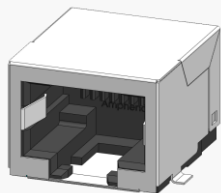
Related Products

FRJAE SERIES

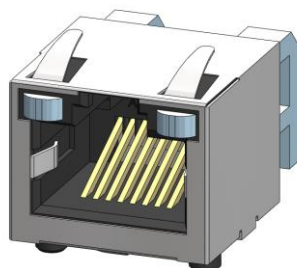


P/N FRJAE-418 SHOWN SINGLE PORT, 8P8C, WITH FERRITE FILTER AND SHIELD (FRONT TABS)

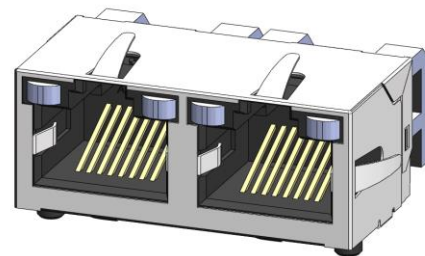
RJLSE SERIES



P/N RJLSE-41181-01 SHOWN SINGLE PORT, 8P8C, STANDARD SHIELD



P/N RJSSE-5381 SHOWN SINGLE PORT, 8P8C, WITH SHIELD AND LIGHT PIPE



P/N RJSSE-5381-02 SHOWN DOUBLE PORT, 8P8C, WITH SHIELD AND LIGHT PIPE

OVERVIEW

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

Instead of LEDs this series utilizes light pipes to provide signal connectivity and visual feedback.

Availability: Single and multipoint connectors, shielded and unshielded versions available with or without light pipe option. Light pipe available to purchase on their own; part number RJSSE-2485-01.

USAGE

The RJSSE Surface Mount modular jacks supports Ethernet Protocols. Shielding available for increased EMI performance and Light Pipes for Link Activity and Network Speed verification.

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

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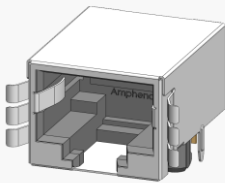
ELECTRICAL CHARACTERISTICS

Contact Resistance	20 mΩ 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	
DWV (Dielectric Withstanding Voltage)	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

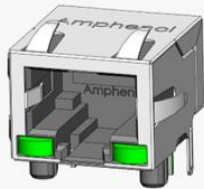
Related Products

RJULE SERIES



P/N RJULE-4X182-01 SHOWN
 SINGLE PORT, 8P8C, SHIELD
 WITH
 REAR PANEL MOUNT TABS

RJSBR SERIES



P/N RJSBR-5385-510-LT
 SHOWN
 THR, SINGLE PORT, 8P8C,
 WITH SHIELD AND GREEN
 LEDES

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

MATERIAL REQUIREMENTS

RJSSE connectors are RoHS compliant.
 Unless otherwise specified, the materials for each component shall be:

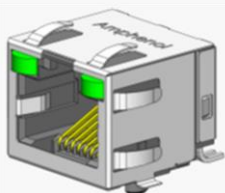
Insulator	High temperature thermoplastic, flammability rating UL 94V-0
Contacts	-Phosphor Bronze hard temper with gold thickness options (6μ", 15μ", 30μ", 50μ") over 50μ" minimum Nickel on contact mating area -100μ" minimum matte Tin over Nickel on soldering tail
Shield	Copper alloy, Nickel or matte Tin plating
Light Pipe	Optical grade polycarbonate, UL 94V-0
Moisture Sensitivity Level	MSL-1

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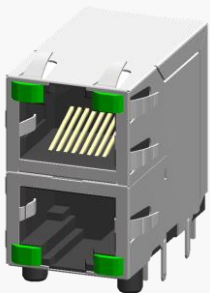
Related Products

RJCSE SERIES



P/N RJCSE-5381-01 SHOWN
SINGLE PORT, 8P8C,
WITH SHIELD AND GREEN
LEDs

RJSAR SERIES



P/N RJSAR-5385-02 SHOWN
THR, STACKED 2X1, 8P8C,
WITH SHIELD AND GREEN
LEDs

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.

RJSSE-24485-01	Light Pipe
RJSSE-7060	Single port, 6P6C, without shield, without light pipes
RJSSE-7061	Single port, 6P6C, without shield, with light pipes
RJSSE-7061-01T	Single port, 6P6C, without shield, with light pipes, tape & reel package
RJSSE-7360	Single port, 6P6C, shielded with top & bottom EMI tabs, without light pipes
RJSSE-7060-02	Two port, 6P6C, without shield, without light pipes
RJSSE-7060-02T	Two port, 6P6C, without shield, without light pipes, tape & reel package
RJSSE-5080	Single port, 8P8C, without shield, without light pipes
RJSSE-5080-01T	Single port, 8P8C, without shield, without light pipes, tape & reel package
RJSSE-5081	Single port, 8P8C, without shield, with light pipes
RJSSE-5081-01T	Single port, 8P8C, without shield, with light pipes, tape & reel package
RJSSE-5380	Single port, 8P8C, shielded with top and bottom EMI tabs, without light pipes
RJSSE-5380-01T	Single port, 8P8C, shielded with top & bottom EMI tabs, without light pipes, tape & reel package
RJSSE-5381	Single port, 8P8C, shielded with top and bottom EMI tabs, with light pipes
RJSSE-5381-01T	Single port, 8P8C, shielded with top and bottom EMI tabs, with light pipes, tape & reel package
RJSSE-5580	Single port, 8P8C, shielded with top EMI tabs, without light pipes
RJSSE-5580-01T	Single port, 8P8C, shielded with top EMI tabs, without light pipes, tape & reel package
RJSSE-5581	Single port, 8P8C, shielded with top EMI tabs, with light pipes
RJSSE-5581-01T	Single port, 8P8C, shielded with top EMI tabs, with light pipes, tape & reel package
RJSSE-5F80	Single port, 8P8C, shielded with no EMI tabs, with light pipes
RJSSE-5F80-01T	Single port, 8P8C, shielded with no EMI tabs, with light pipes, tape & reel package
RJSSE-5S80	Single port, 8P8C, shielded with top and bottom EMI tabs, without light pipes
RJSSE-5S80-01T	Single port, 8P8C, shielded with top & bottom EMI tabs, without light pipes, tape & reel package
RJSSE-5S81	Single port, 8P8C, shielded with top and bottom EMI tabs, with light pipes
RJSSE-5S81-01T	Single port, 8P8C, shielded with top and bottom EMI tabs, with light pipes, tape & reel package
RJSSE-5080-02	Two port, 8P8C, without shield, without light pipes
RJSSE-5080-02T	Two port, 8P8C, without shield, without light pipes, tape & reel package
RJSSE-5380-02T	Two port, 8P8C, shielded with top & bottom EMI tabs, without light pipes, tape & reel package
RJSSE-5381-02	Two port, 8P8C, shielded with top and bottom EMI tabs, with light pipes
RJSSE-5381-02T	Two port, 8P8C, shielded with top and bottom EMI tabs, with light pipes, tape & reel package
RJSSE-5580-02	Two port, 8P8C, shielded with top EMI tabs, without light pipes
RJSSE-5580-02T	Two port, 8P8C, shielded with top EMI tabs, without light pipes, tape & reel package
RJSSE-5581-02	Two port, 8P8C, shielded with top EMI tabs, with light pipes

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sales@amphenolcanada.com

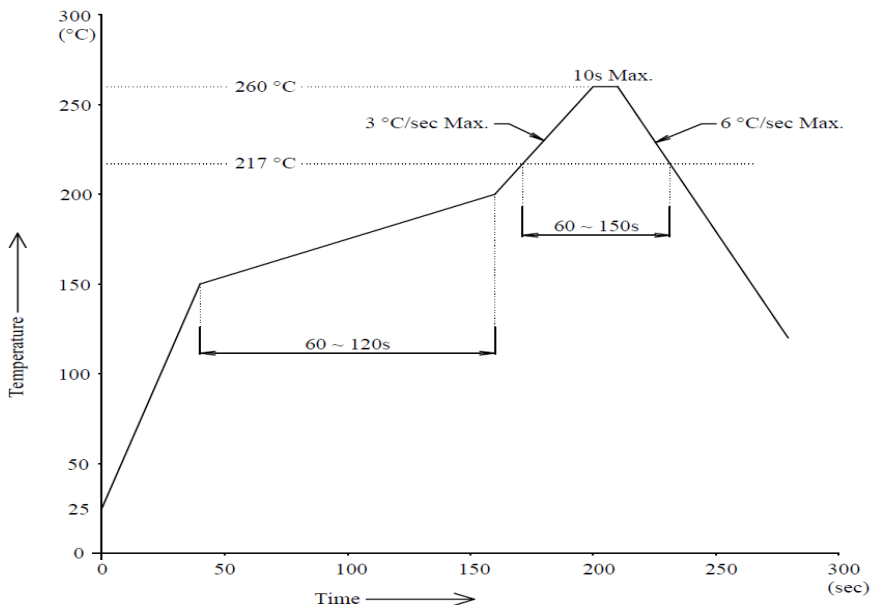
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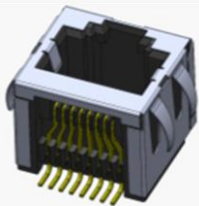
RECOMMENDED LEAD FREE REFLOW SOLDER PROFILE



Above solder profile only for reference, for more information, please refer to standard J-STD-020E

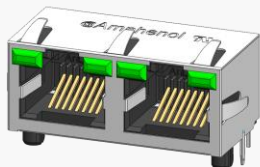
Related Products

RJE23 SERIES



P/N RJE23-188-3X10 SHOWN
SMT SINGLE PORT, 8P8C,
TOP ENTRY, WITH SHIELD

RJHSR SERIES



P/N RJHSR-5385-520-T SHOWN
THR, 8P8C, TWO PORT, WITH
STRAIGHT PEGS, WITH
SHIELD, AND GREEN LEDs

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