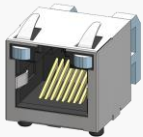


About Amphenol Commercial Products

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.

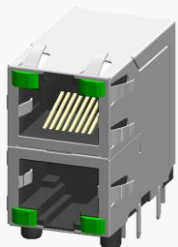
Related Products

RJSSE

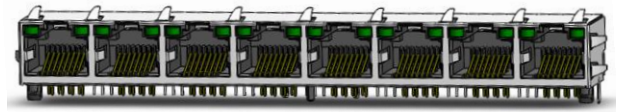


P/N RJSSE-5081 SHOWN
SINGLE PORT, 8 POSITION

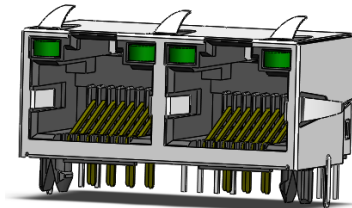
RJSAE



P/N RJSAE-5835-02 SHOWN
STACKED 2X1, 8 POSITION, WITH
SHIELD AND LEDs



P/N RJE39-888-1X50 SHOWN EIGHT
PORT REGULAR MOUNT, WITH
SHIELD AND LEDs



P/N RJE39-288-1X50 SHOWN
TWO PORT REGULAR MOUNT,
WITH SHIELD AND LEDs

OVERVIEW

This product specification define the general use and performance parameters for Amphenol's RJE39 series of inverted modular jacks.

Availability: Multiport, right angle connectors with a wide variety of LED and shielding options.

USAGE

The RJE39 inverted modular jacks with superior EMI performance supports Ethernet Protocols. Shielding available for increased EMI performance and LEDs for Link Activity and Network Speed verification. The RJE39 product line is IEC 60603-7 compliant.

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

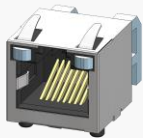
- Analysis Equipment
- Mass Spectrometers

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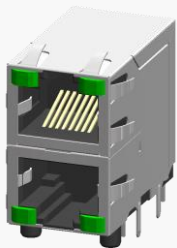
Related Products

RJSSE



P/N RJSSE-5081 SHOWN SINGLE PORT, 8 POSITION

RJSAE



P/N RJSAE-5835-02 SHOWN STACVKED 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 per contact
Voltage Rating	125 Volts AC
DWV	1000 VAC, 60 Hz. 1 min
LED Forward DC Current	20mA typical
LED Forward Voltage	2.6 Volts max. @ 20mA (for single colors)
LED Reverse Voltage	5 Volts minimum
LED Light Intensity	4.5 to 6.0 mcd @ 20mA (for single colors)
LED Wavelength	Yellow: 588 ± 7 nm measured @ 20mA Green: 570± 5 nm measured @ 20mA Red: 628± 5 nm measured @ 20mA

Supports PoE, PoE+, and PoE++ per IEEE PoE standards

IP20 rated per IEC 60529

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	Wave soldering peaked at 260°C for 5 seconds maximum
Operating Temperature	-40°C to +85°C

UL File# E135615

MATERIAL REQUIREMENTS

RJE39 connectors are RoHS compliant.

Insulator	High Temp thermoplastic. Complies with 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 plating on soldering tail
Shield	Stainless Steel with tin dipped tails
LED	Tin plating on LED tails

About Amphenol Commercial Products

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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.

RJE39-288-0XX0	Dual port, without shield, with LED options
RJE39-288-0XX1-T	Dual port, without shield, with LED options
RJE39-288-6XX0	Dual port, shielded without tabs, without LED options
RJE39-888-0XX0	Eight ports, without shield, with LED options
RJE39-888-6XX0	Eight ports, shielded without tabs, with LED options

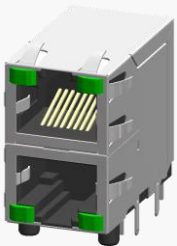
Related Products

RJSSE



P/N RJSSE-5081 SHOWN
SINGLE PORT, 8 POSITION

RJSAE



P/N RJSAE-5835-02 SHOWN
STACVKED 2X1, 8 POSITION, WITH
SHIELD AND LEDs

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