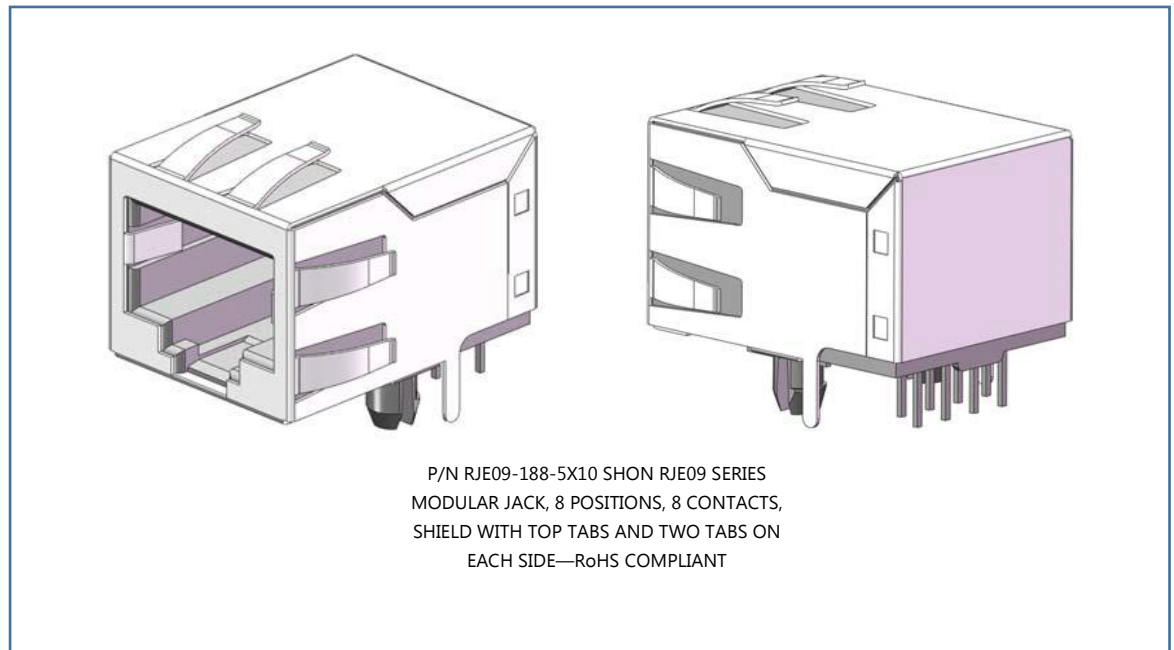


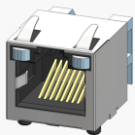
About Amphenol Commercial Products

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.



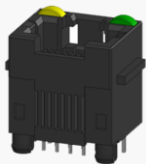
Related Products

RJSSE

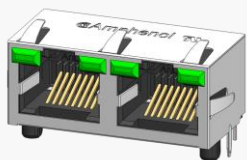


P/N RJSSE-5381 SHOWN SINGLE PORT, 8 POSITION, WITH SHIELD AND LIGHT PIPE

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

OVERVIEW

This product specification defines the general use and performance parameters for Amphenol's RJE09 series of modular jacks.

Availability: Single and multiport, 8P8PC, 10P10C available and shielding option

USAGE

The RJE09 series of modular jack supports Ethernet Protocols.

APPLICATIONS

Intended for use in applications such as:

Data

- Storage
- Servers
- Routers
- Switches
- Hubs

Networking & Telecom

- 5G Wireless
- Telephones
- Modems
- Fax Machines

Consumer Goods

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

Medical

- Analysis Equipment
- Mass Spectrometers

Industrial and Instrumentation

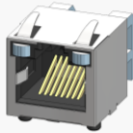
- Uninterruptible Power Supply (UPS)
- ATMs
- Vending Machines
- POS Terminals
- Industrial IoT Platforms

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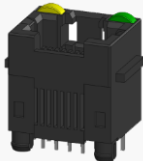
Related Products

RJSSE

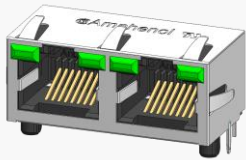


P/N RJSSE-5381 SHOWN SINGLE PORT, 8 POSITION, WITH SHIELD AND LIGHT PIPE

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

ELECTRICAL CHARACTERISTICS

Contact Resistance	25 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

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 to 8 seconds
Operating Temperature	-40°C to +85°C

UL File #: E136228

MATERIAL REQUIREMENTS

RJE09 connectors are RoHS compliant.

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

Insulator	Engineering 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 or gold flash plating on tail area
Shield	Copper alloy; Nickel plating overall

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.

RJE09-1AA-1X10	Single port, shielded without EMI tabs
RJE09-288-1X10	Dual port, shielded without EMI tabs
RJE09-A88-0X10	Ten ports, without shield
RJE09-166-5410	Single port, shielded with top and side tabs
RJE09-288-9X10	Dual port, shielded with front shield tails

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