

Now you're connected!

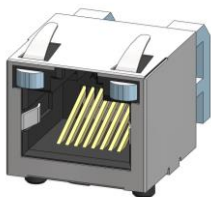
About Amphenol

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.

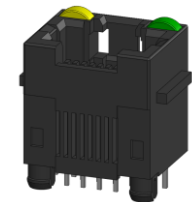
Related Products

RJSSE

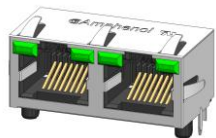


P/N RJSSE-5381 SHOWN
SINGLE PORT, 8 POSITION,
WITH SHIELD AND LIGHT PIPE

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



P/N RJE07-188-2X20-H SHOWN

Overview

This product specification defines the general use and performance parameters for Amphenol's RJE07 series of modular jacks.

Availability: Single port available with shielding options.

Usage

The RJE07 series of modular jacks supports Ethernet Protocols. Shielding available for increased EMI performance and LEDs for Link Activity and Network Speed verification.

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

- Security Systems
- Set Top Boxes
- Video Game Systems

Miscellaneous

- Multi-Media Equipment
- Industrial Equipment
- POS Terminals

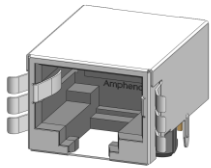
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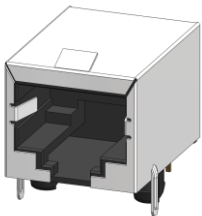
Related Products

RJLE



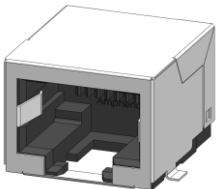
P/N RJLE-4X182-01 SHOWN
SINGLE PORT REGULAR MOUNT,
STANDARD SHIELD WITH SMT

FRJAE



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

RJLSE



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

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:	Reflow soldering at 260° C for 6~8 seconds maximum.
Operating temperature:	-40° C to +85° C

Material Requirements

RJE07 connectors are RoHS compliant.

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

Insulator:

- High temp. thermoplastic. Complies with UL 94V-0, Black color.

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:

- Copper alloy, Nickel plated with tin dipped tail.

Moisture Sensitivity Level

The Moisture Sensitivity Level for RJE07 connectors is MSL-2a.

Available Documents

Drawing Numbers:

P-RJE07-166-2X20

P-RJE07-166-3X20

P-RJE07-188-0X10

P-RJE07-188-2X20-H

Single port modular jack, 6 position, 6 contacts, partial shielded with through hole tail.

Single port modular jack, 6 position, 6 contacts, partial shielded with SMT tail.

Single port modular jack, 8 position, 8 contacts, no shield.

Single port modular jack, 8 position, 8 contacts, partial shielded with through hold tail.

Contact factory or Authorized Amphenol representative for additional configurations