RJE73

Product Specification S6048C Rev 1.2

Amphenol

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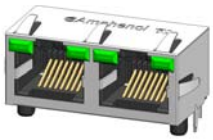
About Amphenol Commercial Products

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

RJHSE

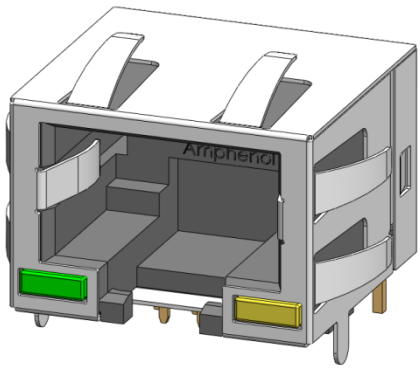
P/N RJHSE-3081 SHOWN
SINGLE PORT VERTICAL MOUNT,
NO SHIELD, WITH LEDs

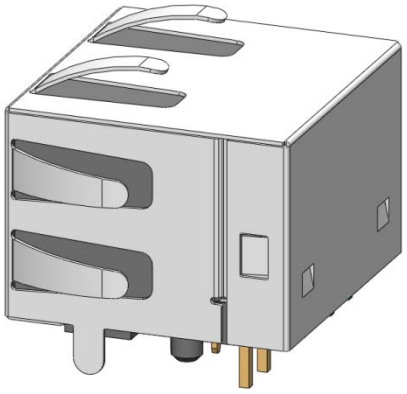


P/N RJHSE-5385-02 SHOWN
TWO PORT REGULAR MOUNT,
WITH SHIELD AND LEDs

RJSAE

P/N RJSAE-5385-02 SHOWN
STACKED 2x1, 8 POSITION,
WITH SHIELD AND LEDs





P/N RJE73-188-00441 SHOWN
SINGLE PORT REGULAR MOUNT,
WITH SHIELD AND LEDs

Overview

This product specification defines the general use and performance parameters for Amphenol's RJE73 series of modular jacks.

Availability: Single port, shielded versions with and without EMI shield tabs available.

Usage

The RJE73 modular jacks supports Ethernet Protocols. Shielding available for increased EMI performance and LEDs for Link Activity and Network Speed verification. High temperature reflow type LEDs suitable for IR reflow.

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

Consumer Goods
- Security Systems
- Set Top Boxes
- Video Game Systems

Miscellaneous
- Multi-Media Equipment
- Industrial Equipment
- POS Terminals

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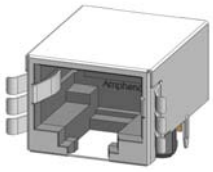
Related Products

RJULE

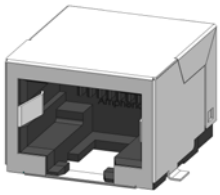


P/N RJULE-4X182-01 SHOWN SINGLE PORT REGULAR MOUNT, STANDARD SHIELD WITH SMT

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:	1.0 Amps
Voltage rating:	125 Volts AC
DWV	1000 VAC, 60 Hz. 1 min.
LED forward DC current:	20mA typical
LED forward Voltage:	1.9 Volts max. @ 2mA (for single colors) 2.6 Volts max. @ 20mA (for Bi-colors)
LED reverse voltage:	5 Volts minimum
LED light intensity:	0.4 to 1.5 mcd @ 2mA (for single colors) 0.5 mcd min. @ 2mA (for Bi-colors)
LED wave length:	Yellow: 587± 7 nm measured @ 20mA Green: 565± 6 nm measured @ 20mA Red: 625± 5 nm measured @ 20mA

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: 245°C for 8 to 10 seconds max.

Operating temperature: -55° C to +85° C

Material Requirements

RJE73 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 plating options 50µ" minimum Nickel on contact mating area.
- 100µ" minimum matte tin plating on solder tails

Shield:
- Stainless steel with tin dipped tails

LED:
- Tin plating on LED tails

Available Documents

Drawing Numbers:

P-RJE73-188-00XXX	8 Position Modular Jack, with optional LEDs,and Shield Tabs.

Contact factory or Authorized Amphenol representative for additional configurations

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www.amphenolcanada.com

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Amphenol:

RJE73188002N0 RJE73188003H1 RJE73188002J1 RJE73188004B0 RJE73188004M1 RJE73188001D0
RJE73188001B1 RJE7318800191 RJE73188003E0 RJE73188002L0 RJE73188002T0 RJE7318800270
RJE73188002H0 RJE73188002P1 RJE7318800320 RJE7318800371 RJE7318800481 RJE7318800431
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RJE7318800330 RJE7318800350 RJE7318800250 RJE73188001R0