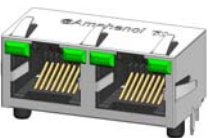*Now you're connected!*

Related Products

RJSSE

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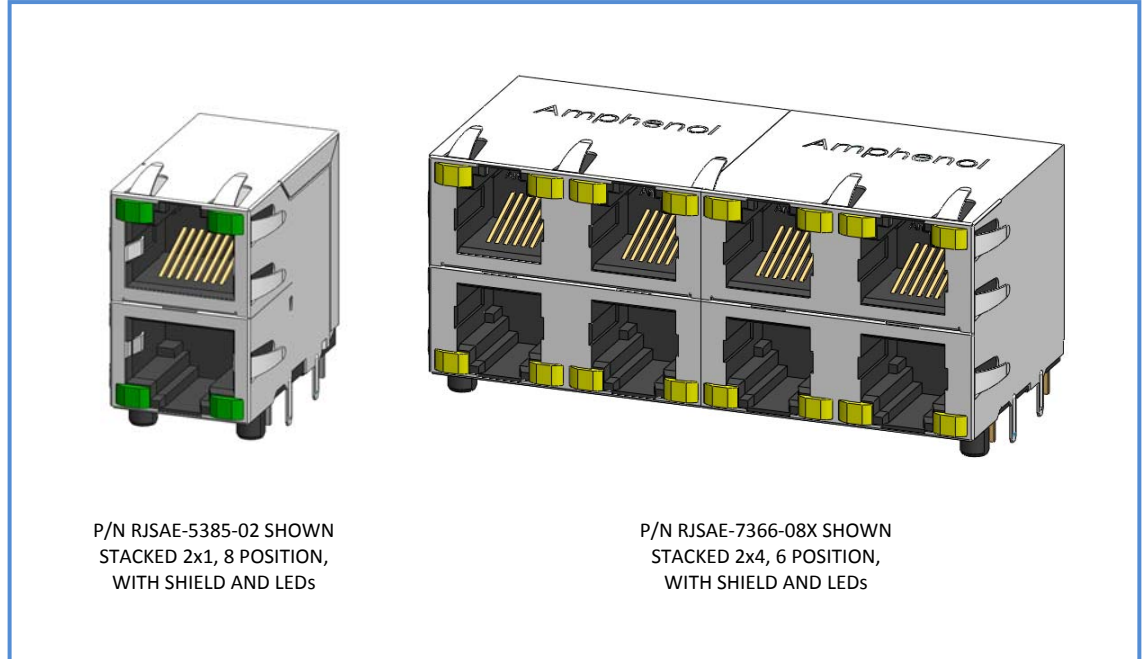SINGLE PORT, 8 POSITION,
WITH SHIELD AND LIGHT PIPE

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

P/N RJSAE-7366-08X SHOWN
STACKED 2x4, 6 POSITION,
WITH SHIELD AND LEDs

Overview

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

Availability: 2x1, 2x2 and 2x4 ports available with a wide variety of LED and shielding options.

Usage

The RJSAE stackable modular jacks supports Ethernet Protocols. Shielding available with and without a Ferrite filter 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

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

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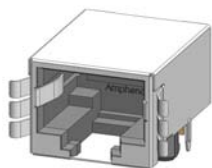- Multi-Media Equipment
- Industrial Equipment
- POS Terminals

Amphenol

Now you're connected!
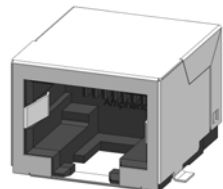
Related Products

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:	1.5 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: Wave soldering peaked at 260° C for 5 seconds maximum.
Connectors without LED's are suitable for IR Reflow

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

Material Requirements

RJSAE 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 pure tin dipped tail

LED:
- Pure Tin plating on LED tail

Available Documents

Drawing Numbers:

P-RJSAE-508X-A4X	2x2 Stackable Modular Jack, 8 Position, Unshielded with LED options
P-RJSAE-528X-02X	2x1 Stackable Modular Jack, Filtered, 8 Position, Shielded with LED options
P-RJSAE-706X-A8X	2x4 Stackable Modular Jack, 6 Position, Unshielded with LED options
P-RJSAE-J38X-0D	2x8 Stackable Modular Jack, 8 Position, Shielded with LEDs

Contact factory or Authorized Amphenol representative for additional configurations

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Amphenol