

WP9 Series (0.4 mm Pitch, Stacking Type Connector)

0.4 mm Pitch, Stacking Type Board-to-Board (FPC) Connector



The WP9 series is a space saving low-profile board-to-board (FPC) connector with 0.4mm pitch spacing that is ideal for high-density mounting in slim information communication devices like mobile phones, smartphones and notebook PC.

Features

- 0.4mm pitch, 2rows, 0.8mm stacking height and 1.95mm depth
- Contact structure ensures high wear-resistance and high contact reliability.
- Secure hold-downs prevent insulator breakage and peeling from FPC.
- 2-point contact design to resist twisting stress.
- Lead-free. (Nickel barrier on contact prevents solder wicking.)
- Inspection jig connector for both plug and receptacle are available. (Note 1)
- Signal contact supports 10 Gbps transmission rate.
- Supports MIPI, USB3.1 Gen2, and PCIe Gen3 transmission.

Applications

Information communication devices like mobile phones, smartphones and notebook PC.,

Notice

1. The values specified in this web site are only for reference. The products and their specifications are subject to change without notice. Contact our sales staff for further information before considering or ordering any of our products.
For purchase, a product specification must be agreed upon.
2. Users are requested to provide protection circuits and redundancy circuits to ensure safety of the equipment, and sufficiently review the suitability of JAE's products to the equipment.
3. The products presented in this web site are designed for the uses recommended below.
We strongly suggest you contact our sales staff when considering use of any of the products in

any other way than the recommended applications or for a specific use that requires an extremely high reliability.

(1) Applications that require consultation:

* Please contact us if you are considering use involving a quality assurance program that you specify or that is peculiar to the industry, such as:

Automotive electrical components, train control, telecommunications devices (mainline), traffic light control, electric power, combustion control, fire prevention or security systems, disaster evention equipment, etc.

* We may separately give you our support with a quality assurance program that you specify, when you think of a use such as :

Aviation or space equipment, submarine repeaters, nuclear power control systems, medical equipment for life support, etc.

(2) Recommended applications include:

* Computers, office appliances, telecommunications devices (terminals, mobile units), measuring equipment, audiovisual equipment, home electric appliances, factory automation equipment, etc