



EDGE COMPUTING

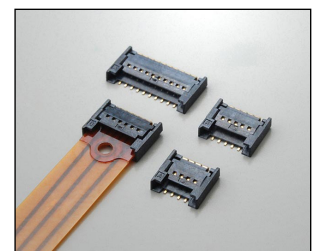
Bring computing as close to the data source as possible to reduce latency and bandwidth usage



More data will be processed and delivered as the society evolves with the technology - edge computing has now opened up opportunities and capabilities for more industries. They are simultaneously incorporating more advanced functions and features. These new additions, such as 5G wireless communication and multiple sensors for collecting information, require more components to be housed in what are very compact devices. JAE offers a wide range of connectors that can be deployed for different devices in different industries.

Key Products

- SF72, SF78, DX07,
- DC04
- RP04, RP07
- AX01, MA01, WP7A/B, WP27D, WP26DK, WP66DK
- FA10, FR02



FA10



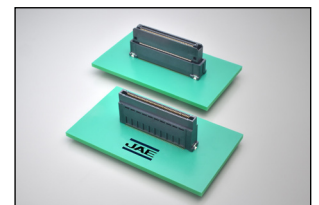
DX07



DC04



RP04



AX01



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Key Features **SF72 Series**

The SF72 Series are compact and reliable push-push type nano SIM (4FF SIM) card connectors ideal for connected devices, such as smartphones and tablet-PC.

Key Features **SF78 Series**

The SF78 Series are push-eject tray type dual nano SIM card connectors that allows two nano SIM cards to be installed. It can be used for mobile devices with communication capabilities such as feature phones, smartphones, and mobile routers.

Key Features **DX07 Series**

The DX07 Series are compatible with the next-generation USB specification USB Type-C® and 10Gbps SuperSpeed communication. They have reversible plug orientation that enables insertion and removal without minding front and back of the plug. In addition, they are designed to secure mechanical strength of both receptacle and plug.



Key Features **DC04 Series**

The DC04 Series are HDMI 2.1 specification approved connectors that supports 4K120Hz, 8K60Hz, and dynamic HDR formats. These connectors have been designed to meet or exceed signal integrity requirements to give the best end user experience.





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Key Features **RP04 Series**

The RP04 Series are AOC (Active Optical Cable) connectors, which have electrical connector interface, but convert electrical signals to optical inside the plug and transmits data through an optical fiber.

They can be used as a high-speed transmission solution for various markets and devices, blending the easy handling of an electrical connection with the high-speed, long distance and noise resistance capability of an optical transmission.



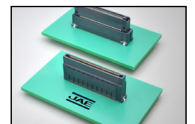
Key Features **RP07 Series**

The RP07 Series are AOC (Active Optical Cable) high-speed transmission connectors, which combine both optical fibers and copper wires in a single hybrid cable. The RP07 Series have proprietary optical modules with reduced size, and a USB Type-C® connector interface. They can be used for broadcasting equipment and game machines that must transmit high-definition images, as well as industrial equipment such as machine tools and medical equipment that require electromagnetic compatibility, high-speed transmission, and long distance transmission.



Key Features **AX01 & MA01 Series**

The AX01 and MA01 Series are the next generation floating board-to-board connectors. They have a highly reliable two-point contact structure, and they can achieve high-speed transmission exceeding 8 Gbps.





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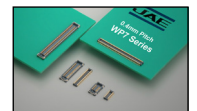
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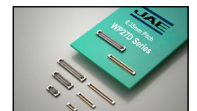
Key Features **WP7A/B Series**

The WP7A/B Series are board-to-board (FPC) connectors that have high retention force for low pin count, and low insertion force for high pin count.



Key Features **WP27D Series**

The WP27D Series are low-profile board-to-board (FPC) connectors with 0.4mm pitch spacing, that are ideal for high-density mounting in slim information communication devices, such as mobile phones, smartphones, LCD, and notebook PC.



Key Features **WP26DK Series**

The WP26DK Series are 0.35 mm pitch low-profile stacking type board-to-board (FPC) connectors with special hold-downs, which can be used as power supply terminals, and they are ideal for high-density mounting in slim and compact information communication devices, such as smartphones.



Key Features **WP66DK Series**

The WP66DK Series are 0.35mm pitch stacking type board-to-board (FPC) connectors that adopt our standard multifunction hold-down structure. This allows them to be used as a power supply terminal to reduce total pin count, as well as maintaining strong board retention with enhanced soldering surface area. The hold-downs also incorporate protective metal fittings on the mating and internal surfaces of the insulator for ultimate strength and reliability.





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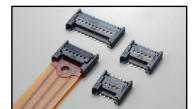
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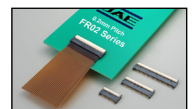
Key Features **FA10 Series**

The FA10 Series are 0.5mm pitch, top and bottom-surface connection type, one-action LIF * insertion FPC connectors, that are ideally for mobile devices.



Key Features **FR02 Series**

The FR02 Series are 0.2mm pitch, top and bottom-surface connection type FPC connectors that are ideally for mobile devices, such as Smartphone and Tablet PC.



Key Applications

- Smartphone
- Desktop
- Laptop
- Tablet PC
- Sensors
- Augmented Reality
- Data Centres
- Smart cities

