

Technology to Inspire Innovation

Preferred Connector Products

JAE



JAE Electronics, Inc.

For Additional Information Visit www.jae-connector.com

Japan Aviation Electronics Industry, Ltd. (JAE) is an international manufacturer and supplier of electronic components and systems. For over four decades, JAE has provided the electronics industry with solutions to complex design requirements. Since its founding, the Company has strived to contribute to society through market-driven, technology-based global business operations under the philosophy: "Technology to Inspire Innovation."

With worldwide and world-class manufacturing certified to ISO 9001 and QS 9000, JAE has made the commitment to meet the global requirements of our customer. In addition to a network of state of the art manufacturing facilities, JAE has technical service offices located around the world, staffed with experts in connector design and application.

This catalog contains a select overview of JAE Connector Products. For in-depth information on our complete product line, and information on new developments, visit JAE's online catalog at www.jae-connector.com.

Innovative design, quality oriented manufacturing, commitment to our customers and sensitivity to the environment assures JAE's leadership position in the 21st century.

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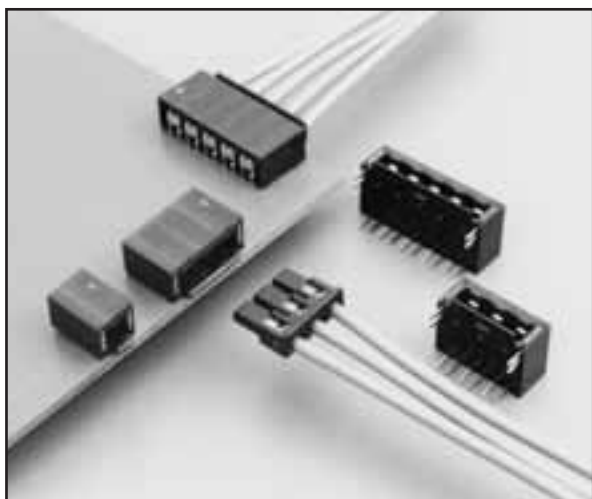
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- All JAE connector products shown in this catalog are lead free.
- We reserve the right to modify designs in order to improve quality, keep pace with technological advancements or meet particular requirements in production.
- Products shown in this catalog are made for the applications specified. However, if the above-mentioned products are to be used in aerospace devices, marine cable-connection devices, atomic power control systems, medical equipment for life-support systems, or any other specific application requiring extremely high reliability, please contact JAE for further information. Recommended Applications: Computers, Office Machines, Measuring Devices, Telecommunications Devices (Terminals, Mobile Devices) AV Devices, Household Applications, FA Devices, etc.
- Refer to end of catalog for alphabetical index of products.

2.0mm (.079") Contact Spacing, Board-to-Multi Coaxial Connectors



- Low profile 6.1mm (.240") for minimized mounting space
- Characteristic impedance of 50 ohms and 75 ohms
- Kinked hold-down allows connector to be fixed on board during soldering

Technical drawing of a mechanical part, likely a valve or actuator component, showing dimensions 11.5 (.453) and 6.1 (.240).

- **Receptacle**

• Receptacle

	KD**	- RRP	* -	F -	0
Series					
KD10 – Gold Plating					
Thickness 0.1µm min.					
KD20 – Gold Plating					
Thickness 0.3µm min.					
Termination Right Angle					
No. of Contacts					
1, 3, 5, 8					
Connector Type					
Termination Style					
Solder					

● ● ● ● ● ● ● ● ● ● ● ● ● ●

GENERAL SPECIFICATIONS

Number of Contacts	1, 3, 5 and 8
Contact Spacing	2.0mm (.079")
Characteristic Impedance	50 ohms/75 ohms
Frequency	DC~300 MHz
VSWR	1.3 max. DC~300 MHz.
Insertion Loss	0.3 dB/DC~300 MHz.
Current Rating	250mAmp per contact
Dielectric Withstanding Voltage	250 VAC r.m.s. (for one minute)
Insulation Resistance	100 megohms min. (with 10mm
Contact Resistance	Initial (Center: 80 milliohms max. Outer 30 megohms max.)
Insertion Force	One pin: 5N max. Three pins: 10N max. Five pins: 15N max. Eight pins: 20N max.
Withdrawal Force	One pin: 2N max. Three pins: 5N max. Five pins: 7N max. Eight pins: 11N max.
Insertion/Withdrawal	50 times
Operating Temperature	-55°C to +85°C

Description	Materials/Finishes
Insulator	Glass-filled (6-6 Nylon)
Center Contact	Copper alloy, Gold over Nickel plating
Outer Contact	Copper alloy, Gold over Nickel plating
Hold-down	Copper alloy, Tin plating

- **Cable Plug**

Series _____

 KD10 – Gold Plating Thickness 0.1µm min.

 KD20 – Gold Plating Thickness 0.3µm min.

Cable Assembly _____

Cable Length _____

 60-800mm – every 20 mm

 Longer than 800mm – every 40mm

 2 – Both ends harnessed _____

 None – One end harnessed _____

No. of Contacts _____

 1, 3, 5, 8 _____

Characteristic Impedance _____

 D – 50 ohms

 C – 75 ohms _____

Modification Code _____

 R – Reverse both ends _____

* Cable assemblies only available

Dimensions and specifications subject to change without notice.

Technology to Inspire Innovation



***"Building Technologies
to Connect Your World"***



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