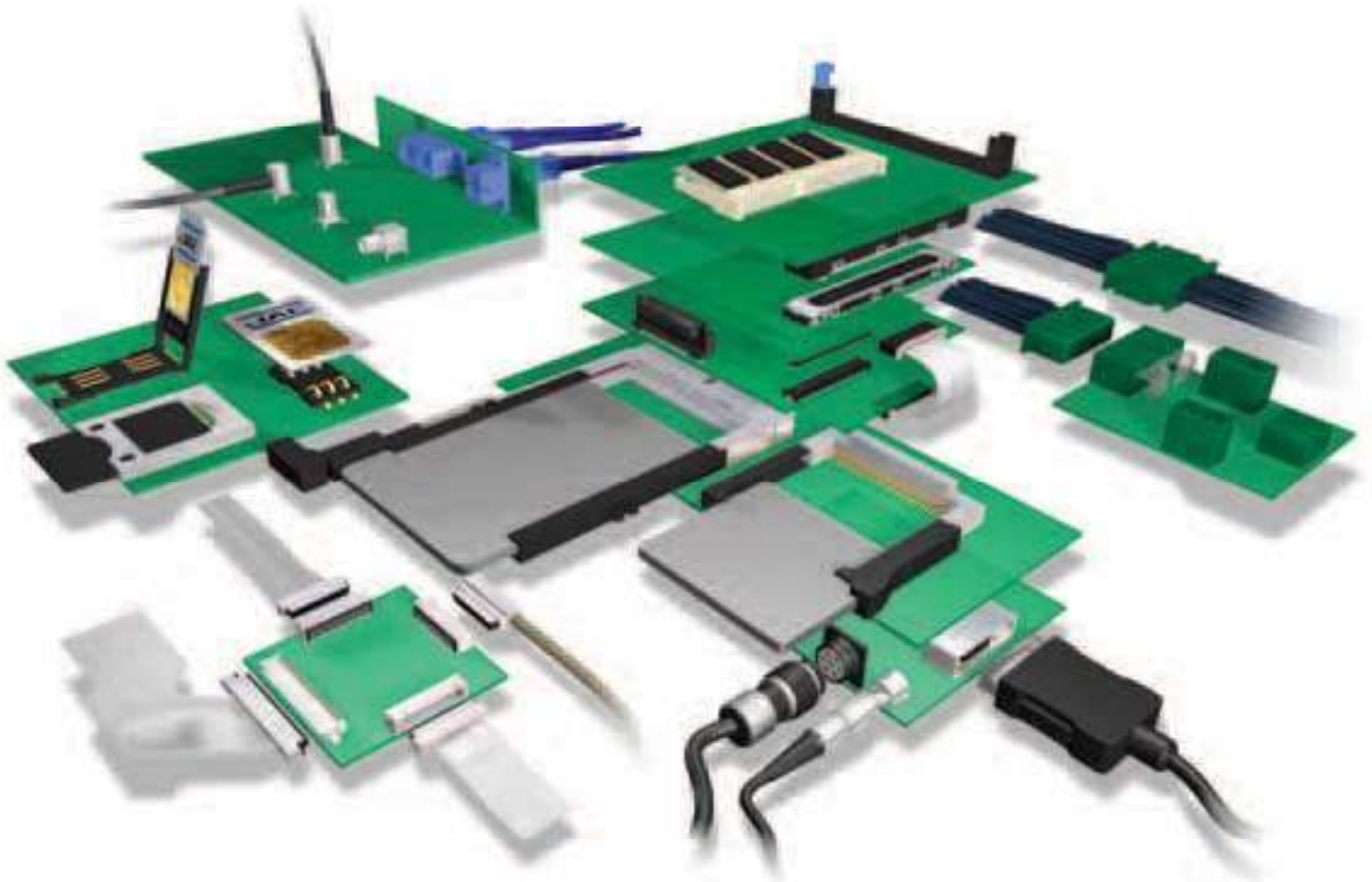


Technology to Inspire Innovation

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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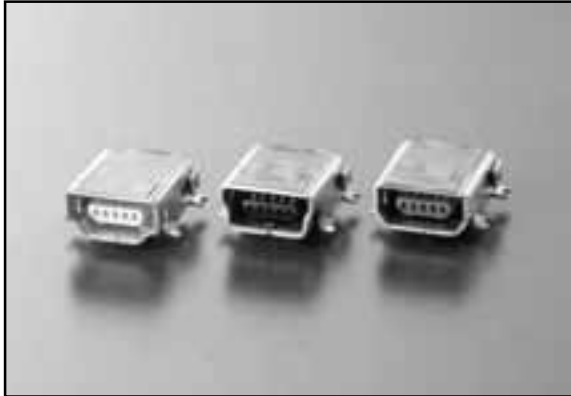
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- All JAE connector products shown in this catalog are lead free.
- We reserve the right to modify designs in order to improve quality, keep pace with technological advancements or meet particular requirements in production.
- Products shown in this 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.

DX2/3 SERIES CONNECTORS

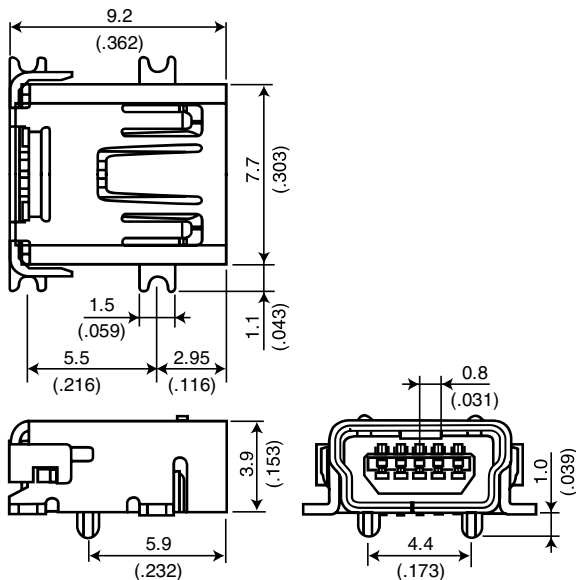
0.80mm (0.031") Contact Spacing, PCB-to-Cable Connectors



FEATURES

- Conform to USB 2.0 specification
- DX2 is Type B and DX3 is Type AB
- Embossed tape for automatic mounting
- Kapton tape for easy absorption during automatic mounting
- Positioning bosses for board mounting

Connector Profile (Ref.)



Dimensions in mm (inches).

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The DX2 and DX3 series are JAE's mini USB connectors that conform to USB 2.0 standards. The DX2 is the Type B and the DX3 is the Type AB. The DX2 and DX3 series are 0.8mm (0.031") pitch connectors and are available in five positions. A polyester film tape is used for easy attachment at automatic mounting. Positioning bosses are used for board mounting. Applications include compact portable devices such as PDAs, DSCs, mobile phones, and various peripheral devices.

GENERAL SPECIFICATIONS

Number of Contacts	5 pos.
Contact Spacing	0.80mm (0.031")
Contact Resistance	50 milliohm max. (initial)
Dielectric Withstanding Voltage	100VAC r.m.s. (for one minute)
Insulation Resistance	100 megohms min. (initial)
Rated Current	1.0A
Rated Voltage	30VAC r.m.s.
Operating Temperature	-20°C to +60°C
Lifetime	5,000 cycles

MATERIALS AND FINISHES

Description	Materials/Finishes
Contact	Copper Alloy Contact: Gold plating over Nickel (0.76µm min.) Terminal: Tin/Copper flash over Nickel
Insulator	Glass filled nylon
Shell	Copper Alloy/Tin Main unit: Tin plating over Nickel Through-hole position: Tin plating over Nickel

ORDERING INFORMATION

	DX*	R	005	H	N	2	E700
Series							
DX2 – type B							
DX3 – type AB							
Contact Type							
R – Receptacle							
No. of Contacts							
005 – 5 pos.							
Mounting							
H – With hold-down							
Finishes							
N – Contact portion: more than 0.76µm Gold plating, Soldering portion: Tin-Copper							
Modification Code							
Embossed Tape							
E700 – 700 pcs/reel							

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JAE

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to Connect Your World”***



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