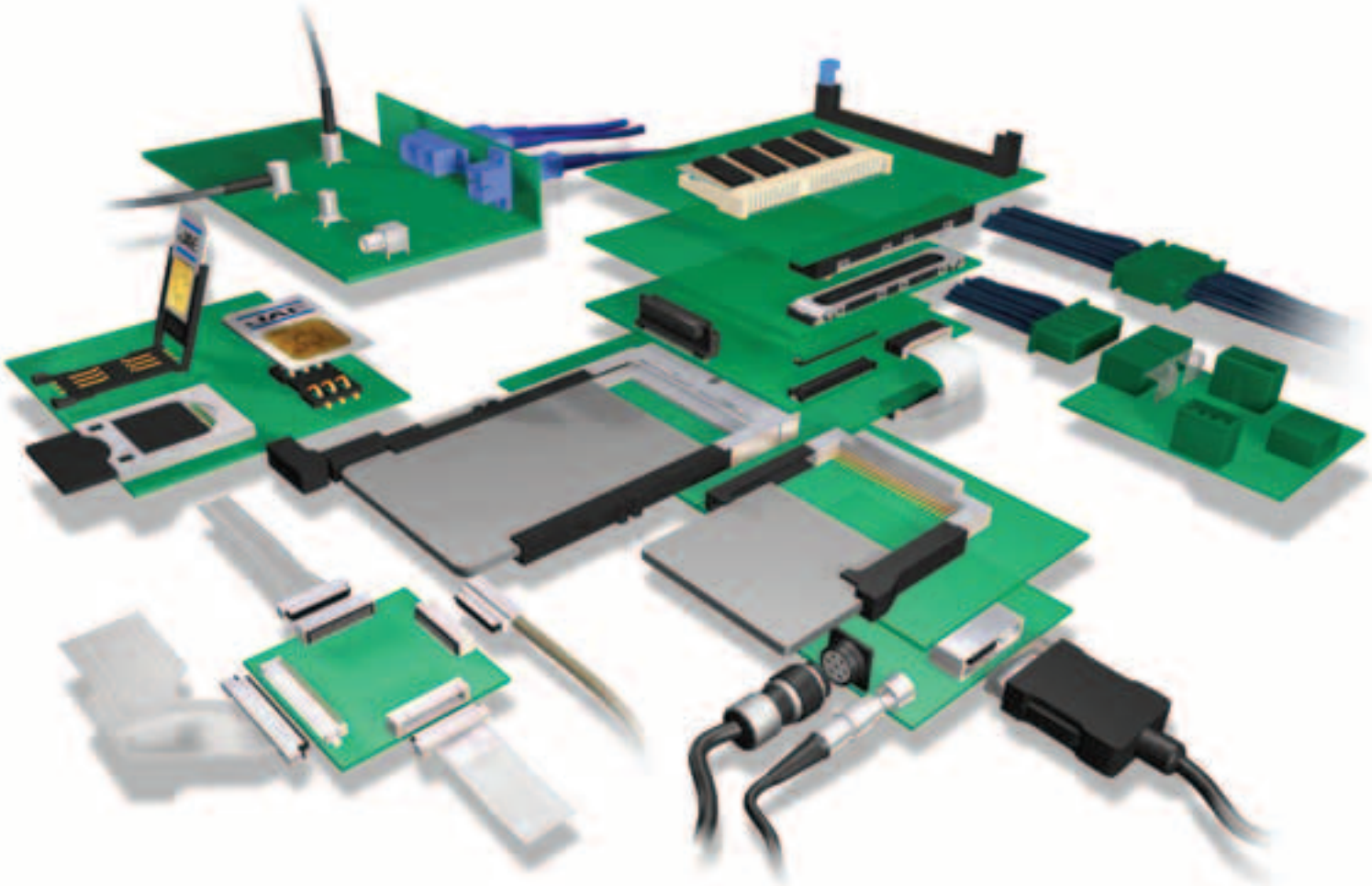
Preferred Connector Products

Technology to Inspire Innovation

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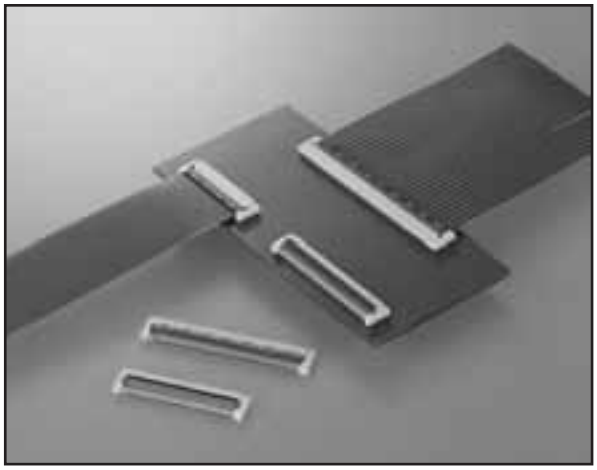
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- All JAE connector products shown in this catalog are lead free.
- We reserve the right to modify designs in order to improve quality, keep pace with technological advancements or meet particular requirements in production.
- Products shown in this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

FF02 SERIES CONNECTORS

0.30mm (0.01") Contact Spacing FPC Connector (Bottom Contact)



FEATURES

- Low-profile 1.2mm (.047") mating height
- CAM Locking Structure; makes FPC lining unnecessary and helps to absorb the shock caused by fall resulting in much higher mating reliability.
- Available with solder wicking proof nickel barrier contact
- Lead Free

FF02 Series connectors are 0.30mm (.010") pitch, low profile connectors for FPC. They are designed in response to the demand for thinner and more electronic devices such as mobile phones, PDAs and LCD displays.

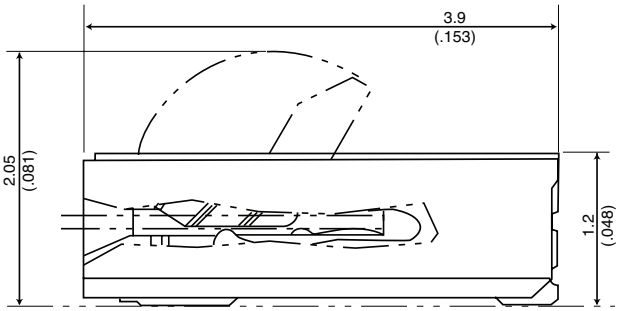
GENERAL SPECIFICATIONS

Number of Contatcs	15, 21, 25, 27 ,29, 31, 33, 35, 39, 45, 51, 55, 60, 70, 90
Contact Spacing	0.30mm (.01")
Current Rating	AC/DC 0.35A per contact
Dielectric Withstanding Voltage	AC 250 V r.m.s. per minute
Voltage Rating	AC/DC 50V per contact
Insulation Resistance	100 megohms (min.)
Contact Resistance	40 milliohms (max.)
Operating Temperature	-40°C to +85°C
Applicable FPC	0.30mm (.01") pitch, thickness 0.12mm ±0.03 (.005" ± .001") with reinforcement
Mating Durability	20 Cycles

MATERIALS AND FINISHES

Description	Materials/Finishes
Actuator	PPS (UL94V-0, Black)
Base Insulator	LCP (UL94V-0, White)
Contact plating	Copper Alloy Partial Gold (0.1 µm min.) over Nickel

Connector Profile (Ref.)



ORDERING INFORMATION

FF02 * ** S S 1 - R3000

Series
Height
None – 1.2mm (.047")
No. of Contacts
21, 27, 29, 35, 39, 45, 51, 60, 70, 90
Contact Type
S – Socket
Barrier
S – Barrier
Contact plating
1 – Gold plating over Nickel
Tape and Reel
R3000 - 3,000 pcs/reel

Technology to Inspire Innovation

JAE

"Building Technologies to Connect Your World"



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