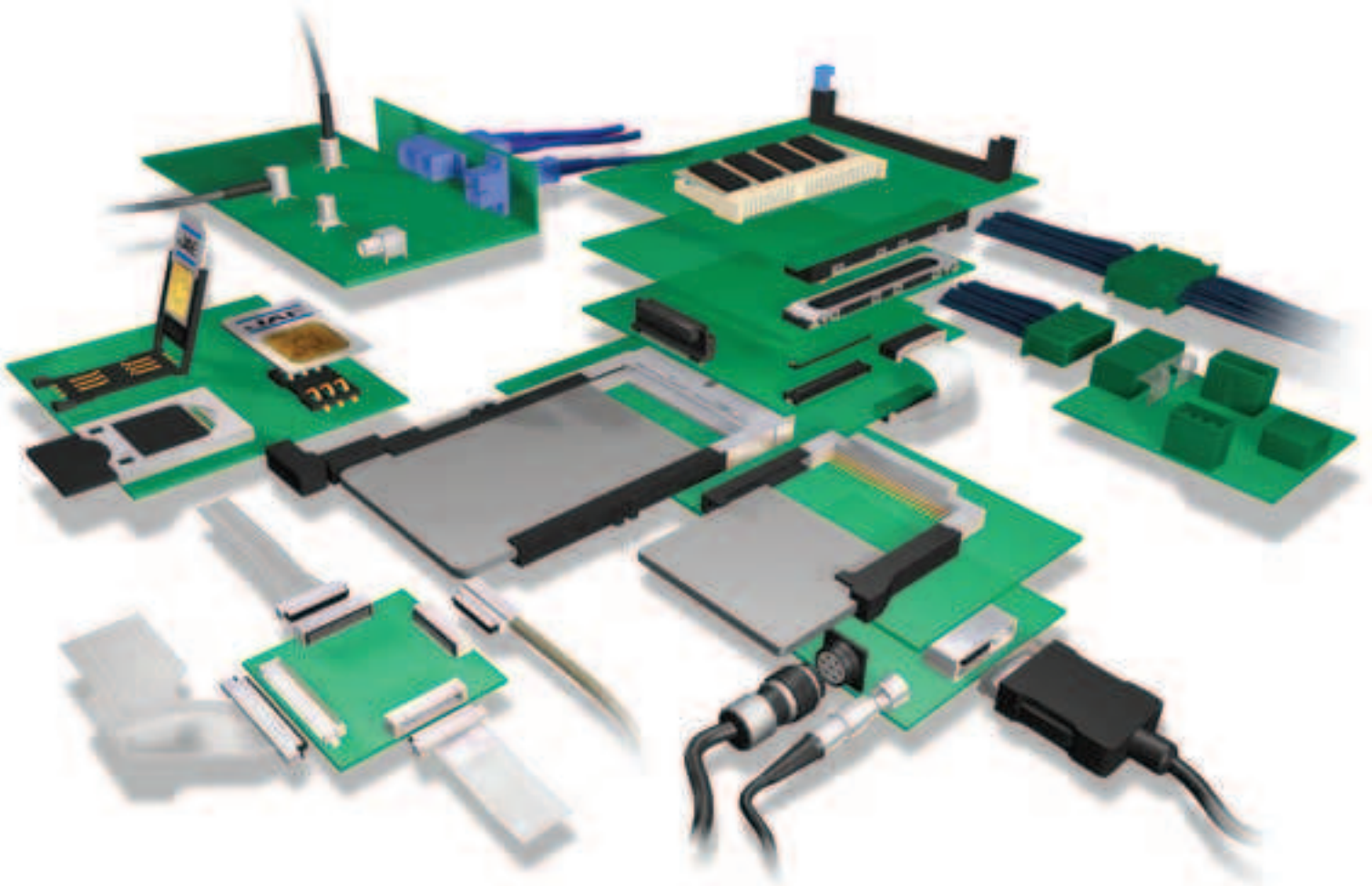


Technology to Inspire Innovation

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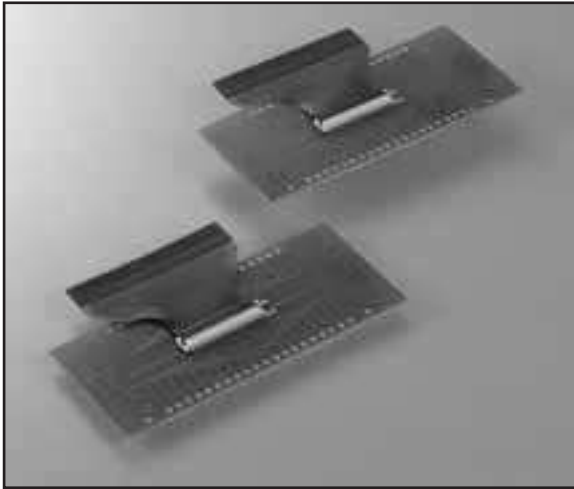
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- All JAE connector products shown in this catalog are lead free.
- We reserve the right to modify designs in order to improve quality, keep pace with technological advancements or meet particular requirements in production.
- Products shown in this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

FB3 SERIES CONNECTORS

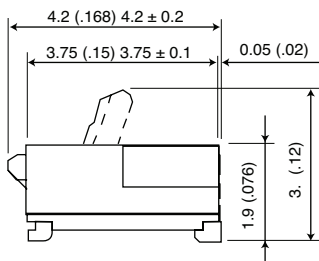
0.30mm (.012") Contact Spacing, FPC Connector (Bottom Contact)



FEATURES

- LIF (low insertion force) structure
- Low profile 1.0mm (.039") height
- Staggered dual row PCB layout provides space savings and easy soldering
- Available in tape and reel for automatic mounting

Connector Profile (Ref.)



Dimensions in mm (inches).

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The FB3 series connector are 0.3mm (.012") FPC Pitch with a staggered dual row PCB layout providing space savings for easy soldering.

GENERAL SPECIFICATIONS

Number of Contacts	17, 21, 27, 33, 35, 39, 45, 51, 57, 61
Contact Spacing	0.30mm (.012")
Applicable FPC	0.30mm (.012") 0.20mm ± 0.03mm (.008" ± .001") thick w/reinforcement
Current Rating	AC/DC 0.35 Amp per contact
Dielectric Withstanding Voltage	250 VAC r.m.s. (for one minute)
Insulation Resistance	100 megohms min.
Contact Resistance	20 milliohms max.
Operating Temperature	-40°C to +85°C

MATERIALS AND FINISHES

Description	Materials/Finishes
Base Insulator	Glass filled LCP (UL94V-0, Beige)
Actuator	Glass filled Nylon (UL94V-0, Black)
Contact	Copper Alloy Connecting Area: Gold plating over Nickel Terminal Area: Gold plating over Nickel

ORDERING INFORMATION

	FB3	S	***	C	1	1	R3000
Series	FB3	S	***	C	1	1	R3000
Mounting Type		S - Standard					
No. of Contacts			17, 21, 27, 33, 39, 45, 51, 57, 61				
Termination				C - Right angle			
Contact Finish Code					1 - Gold		
Modification Code							
Tape and Reel							R3000 - 3,000 pcs/reel

Technology to Inspire Innovation

JAE

***“Building Technologies
to Connect Your World”***



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