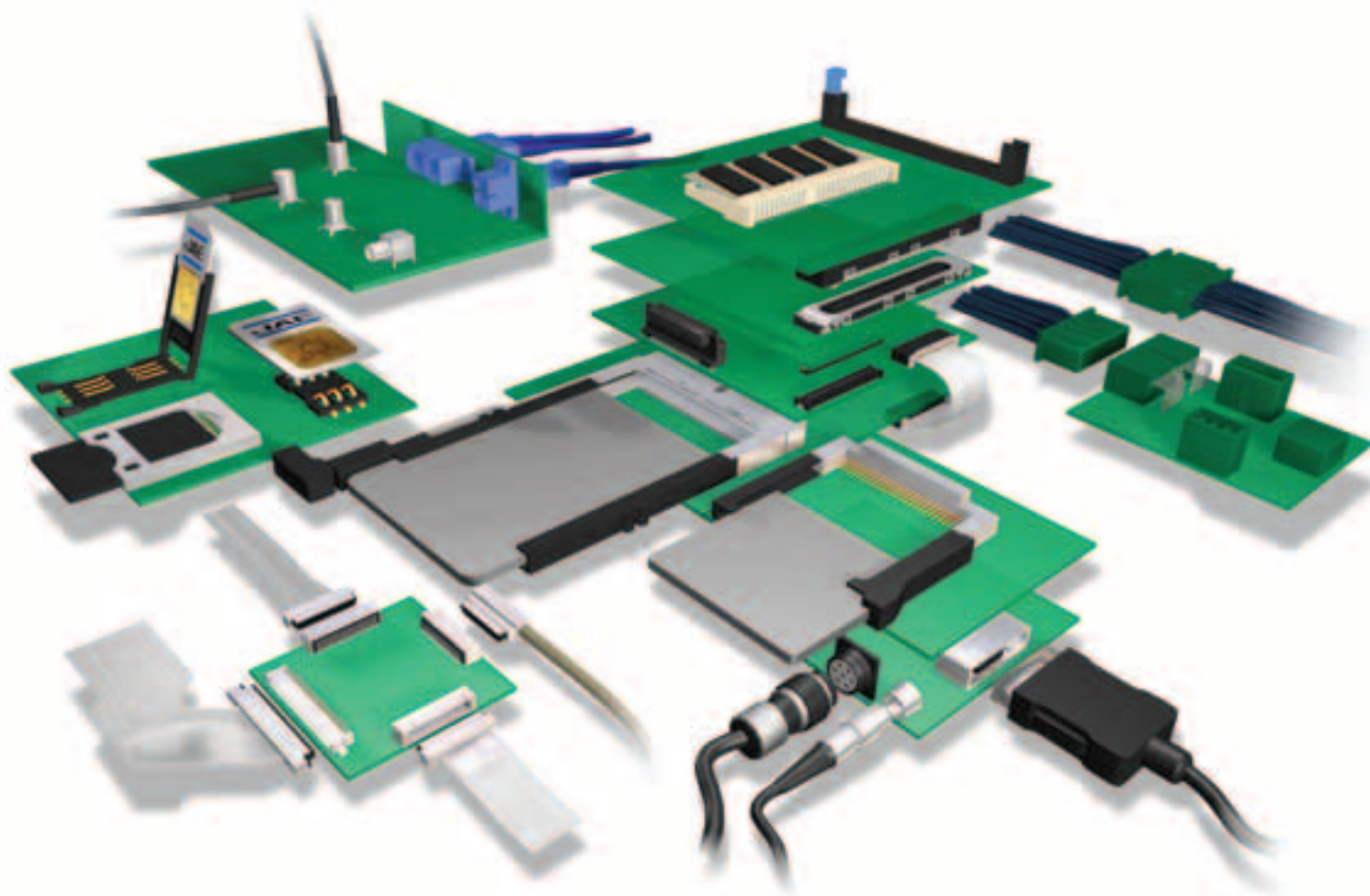


# ***Preferred Connector Products***

Technology to Inspire Innovation

# **JAE**



***JAE Electronics, Inc.***

***For Additional Information Visit [www.jae-connector.com](http://www.jae-connector.com)***

**J**apan 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](http://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 21<sup>st</sup> century.

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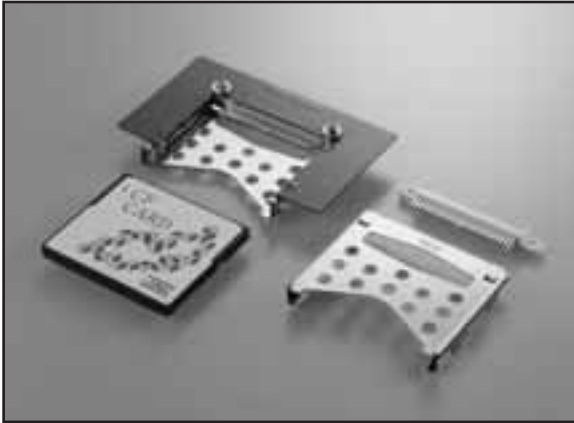
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- All JAE connector products shown in this catalog are lead free.
- We reserve the right to modify designs in order to improve quality, keep pace with technological advancements or meet particular requirements in production.
- Products shown in this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

# JC26F SERIES CONNECTORS

1.27mm (.050") Contact Spacing, Connectors for Compact Flash Type I/II



## FEATURES

- Applicable to type I and II cards conforming to the CFA (Compact Flash Association)
- As a CF type I and II compatible connector, enables minimum size in the connector field
- Realizes high resistance to drop shock through a cover structure made by SUS that bears the physical shock of being dropped
- Enables EMI/ESD resistance using SUS-made cover
- User-friendly structure that easily senses reverse insertion
- Double body structure of base and frame which can be easily mounted, using the existing JC26E-BB\*\*\* on the base side
- Mounting form is a reverse type only; both 0 and 1.3mm types are available for stand-off

.....

The JC26F series is a non-eject type connector for CF types I and II, which realize both the small volume and high resistance to drop shock required by mobile equipment.

## GENERAL SPECIFICATIONS

|                                 |                                 |
|---------------------------------|---------------------------------|
| Number of Contacts              | 50 pos.                         |
| Contact Spacing                 | 1.27mm (.050")                  |
| Contact Resistance              | 40 milliohms max.               |
| Dielectric Withstanding Voltage | 500 VAC r.m.s. (for one minute) |
| Insulation Resistance           | 1000 megohms min. (after test)  |
| Rated Current                   | 0.5A (per pos.)                 |
| Operating Temperature           | -20°C to +60°C                  |
| Contact Life Durability         | 10,000 Cycles min.              |

## MATERIALS AND FINISHES

### •Base Side

| Components | Materials/Finishes                                                   |
|------------|----------------------------------------------------------------------|
| Insulator  | Glass-filled PPS (UL94V-0, Ivory)                                    |
| Contact    | Copper Alloy<br>Partially Solder, partially Gold Plating over Nickel |

### •Frame Side

| Components        | Materials/Finishes                          |
|-------------------|---------------------------------------------|
| Frame             | Glass-filled LCP (UL94V-0, Black)           |
| Cover             | Stainless Steel /Solder Plating over Nickel |
| Mounting Nuts (2) | Steel, Nickel Plating                       |

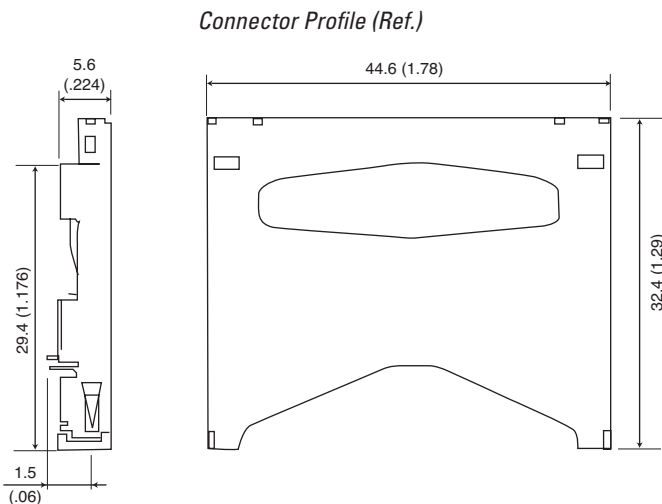
## ORDERING INFORMATION

### • Base Side

|                    |       |   |   |   |   |
|--------------------|-------|---|---|---|---|
| Series             | JC26E | B | B | * | E |
| Base Side          |       |   |   |   |   |
| Positioning Boss   |       |   |   |   |   |
| B – With Boss      |       |   |   |   |   |
| Standoff           |       |   |   |   |   |
| None – 0mm         |       |   |   |   |   |
| 13 – 1.3mm (.051") |       |   |   |   |   |
| Lead Free Version  |       |   |   |   |   |

### • Frame Side

|                             |       |   |   |   |   |
|-----------------------------|-------|---|---|---|---|
| Series                      | JC26F | F | R | N | * |
| Frame Side                  |       |   |   |   |   |
| Mounting Type               |       |   |   |   |   |
| R – Reverse Mounting        |       |   |   |   |   |
| Ejector Button Type         |       |   |   |   |   |
| N – None                    |       |   |   |   |   |
| Standoff                    |       |   |   |   |   |
| None – No Standoff          |       |   |   |   |   |
| 13 – 1.3mm (.051") Standoff |       |   |   |   |   |



Dimensions in mm (inches).



Technology to Inspire Innovation



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



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