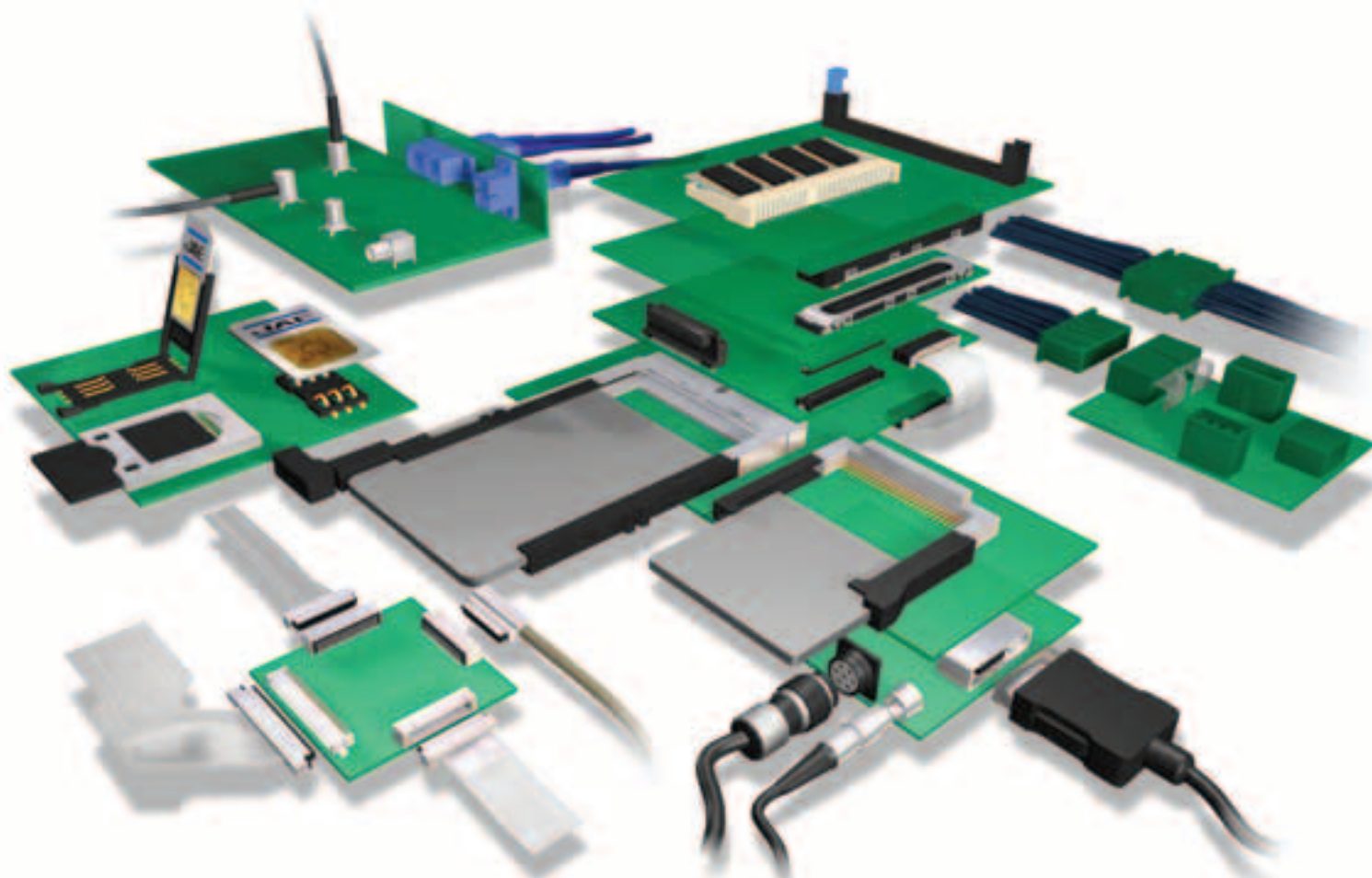


# ***Preferred Connector Products***

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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- 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.

# JC26E SERIES CONNECTORS

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

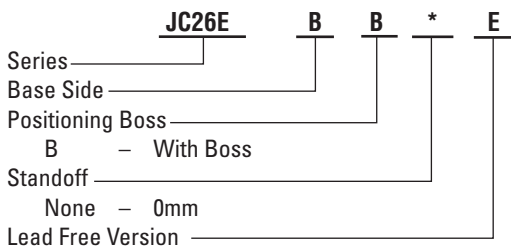


## FEATURES

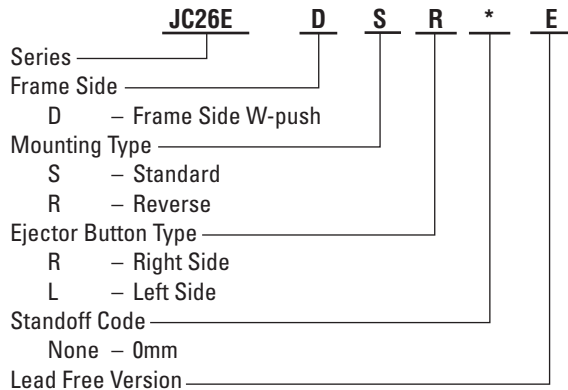
- Slot structure that complies with CFA (Compact Flash Association) Type I/II
- Mechanical strength has been improved by anchoring the frame and base with screws
- The board mounting space is the same as on the existing JC26C Series
- The eject button is of the space saving W-push type
- Compatible with both standard and reverse types
- The button position (right or left) can be selected

## ORDERING INFORMATION

### • Base Side



### • Frame Side



• • • • •

In comparison with the existing CF Card socket, the mechanical strength of the JC26E Series has been improved by changing the structure to anchor the frame and base connectors with screws. This product is effective for preventing the connector damage that can easily occur when a weight load is placed on the PDA extend card, etc. (cards whose outline protrudes beyond the slot).

## 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                   | 0.5 A (per pos.)                |
| Operating Temperature           | -20°C to +60°C                  |
| Contact Life Durability         | 10,000 Cycles min.              |

## MATERIALS AND FINISHES

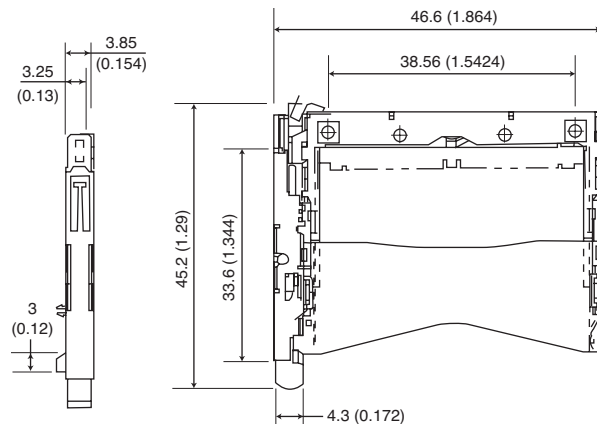
### •Base Side

| Components | Materials/Finishes                                                                                                    |
|------------|-----------------------------------------------------------------------------------------------------------------------|
| Insulator  | Glass Filled PPS (UL94V-0)                                                                                            |
| Contact    | Copper Alloy<br>Contact Area: Gold Plating over Nickel more than 0.1μm<br>Terminal Area: Tin-Lead Plating over Nickel |

### •Frame Side

| Description | Materials/Finishes                          |
|-------------|---------------------------------------------|
| Frame       | Glass-filled PBT (UL94V-0, Black)           |
| Cover       | Glass-filled PBT (UL94V-0, Stainless Steel) |
| Plate       | Stainless Steel                             |
| Lever       | Stainless Steel                             |
| Earth Lug   | Copper Alloy                                |
| Nut         | Steel/ Nickel Plating (M2)                  |

Connector Profile (Ref.)



Dimensions and specifications subject to change without notice.

Technology to Inspire Innovation



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



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