

Technology to Inspire Innovation

Preferred Connector Products

JAE



JAE Electronics, Inc.

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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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- 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.

JC26C2 SERIES CONNECTORS

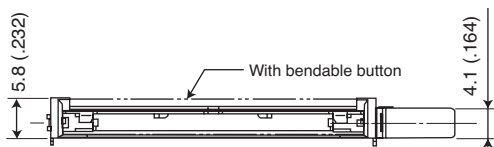
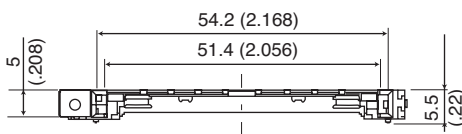
1.27mm (.050") Contact Spacing, Connectors for Compact Flash Type I/II



FEATURES

- Slot mechanism compliant with CFA (Compact Flash Association) Type I/II Card.
- Board mounting dimensions are the same for JC26A, JC26C, and JC26C2 making easy changes between series easy
- Designed with spring-loaded mechanism to prevent card from coming out
- Compared with existing JC26 series the JC26C2 series has an integrated frame structure allowing for a tighter tolerance and preventing mis-insertion
- Three types of eject buttons are available: fixed, bendable, and double-push. Button location option: right or left
- Standard or reverse mounting with stand-off option
- Low-profile: 5.8mm height off board
- 1.6mm stand-off option: 7.4 mm height on board

Connector Profile (Ref.)



.....

JC26 series is a frame connector with card retention mechanism for Compact Flash. It is offered in a low-profile design or with a 1.6mm (.063") stand-off to allow for components to be mounted under the frame. The connector is available for automatic mounting. Applications include digital still cameras, handheld PCs, and other portable devices.

GENERAL SPECIFICATIONS

Number of Contacts	50
Contact Spacing	1.27mm (0.050"), 2 rows
Current Rating	0.5 Amp per contact
Dielectric Withstanding Voltage	500 VAC r.m.s. (for one minute)
Insulation Resistance	1000 megohms min.
Contact Resistance	40 milliohms max.
Operating Temperature	-20°C to +60°C
Contact Life Durability	10,000 Cycles

MATERIALS AND FINISHES

•Frame

Description	Materials/Finishes
Spring	Stainless Steel
Lock	Glass Filled PBT
Button	Glass Filled PBT
Earth Lug	Copper Alloy
Lever	Stainless Steel
Plate	Stainless Steel
Cover	Stainless Steel
Frame	Glass filled PBT

•Base

Components	Materials/Finishes
Insulator	Glass filled PPS (UL95V-0)
Contact	Copper Alloy Connecting Area: Gold Flash over Nickel-Lead SMT: Tin-Lead plating over Nickel
Hold Down	Phosphorous bronze/Tin-Lead plating over Nickel

Dimensions and specifications subject to change without notice.

JC26C2 SERIES CONNECTORS

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

JC26A ORDERING INFORMATION

• Base

	JC26A	B	B	*	E
Series	_____	_____	_____	_____	_____
Base	_____	_____	_____	_____	_____
Positioning Boss	_____	_____	_____	_____	_____
B – With boss					
N – Without Boss					
Stand-off code	_____	_____	_____	_____	_____
None – 0mm					
16 – 1.6mm (.079")					
E - Lead Free Version					

JC26C2 ORDERING INFORMATION

• Frame (Fixed/Bendable Eject Button)

	JC26C2	F	S	R	*	E
Series	_____	_____	_____	_____	_____	_____
Frame	_____	_____	_____	_____	_____	_____
Fixed/Bendable button						
Mounting Type	_____	_____	_____	_____	_____	_____
S – Standard						
R – Reverse						
Button Type	_____	_____	_____	_____	_____	_____
R – Right bendable button						
L – Left bendable button						
M – Right fixed button						
H – Left fixed button						
Stand-off code	_____	_____	_____	_____	_____	_____
None – 0mm						
16 – 1.6mm (.063")						
Lead Free Version	_____	_____	_____	_____	_____	_____

• Frame (Double Push Button)

	JC26C2	D	S	R	*	E
Series	_____	_____	_____	_____	_____	_____
Frame	_____	_____	_____	_____	_____	_____
Double Push Button						
Mounting Type	_____	_____	_____	_____	_____	_____
S – Standard						
R – Reverse						
Button Type ¹	_____	_____	_____	_____	_____	_____
R – Right button (long)						
L – Left button (long)						
M – Right button (short)						
H – Left button (short)						
Stand-off code	_____	_____	_____	_____	_____	_____
None – 0mm						
16 – 1.6mm (.063")						
Lead Free Version	_____	_____	_____	_____	_____	_____

Note: Total length of button (from bottom side of card to top of button). Long: 37.9mm, Short 36.9mm

Technology to Inspire Innovation



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



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