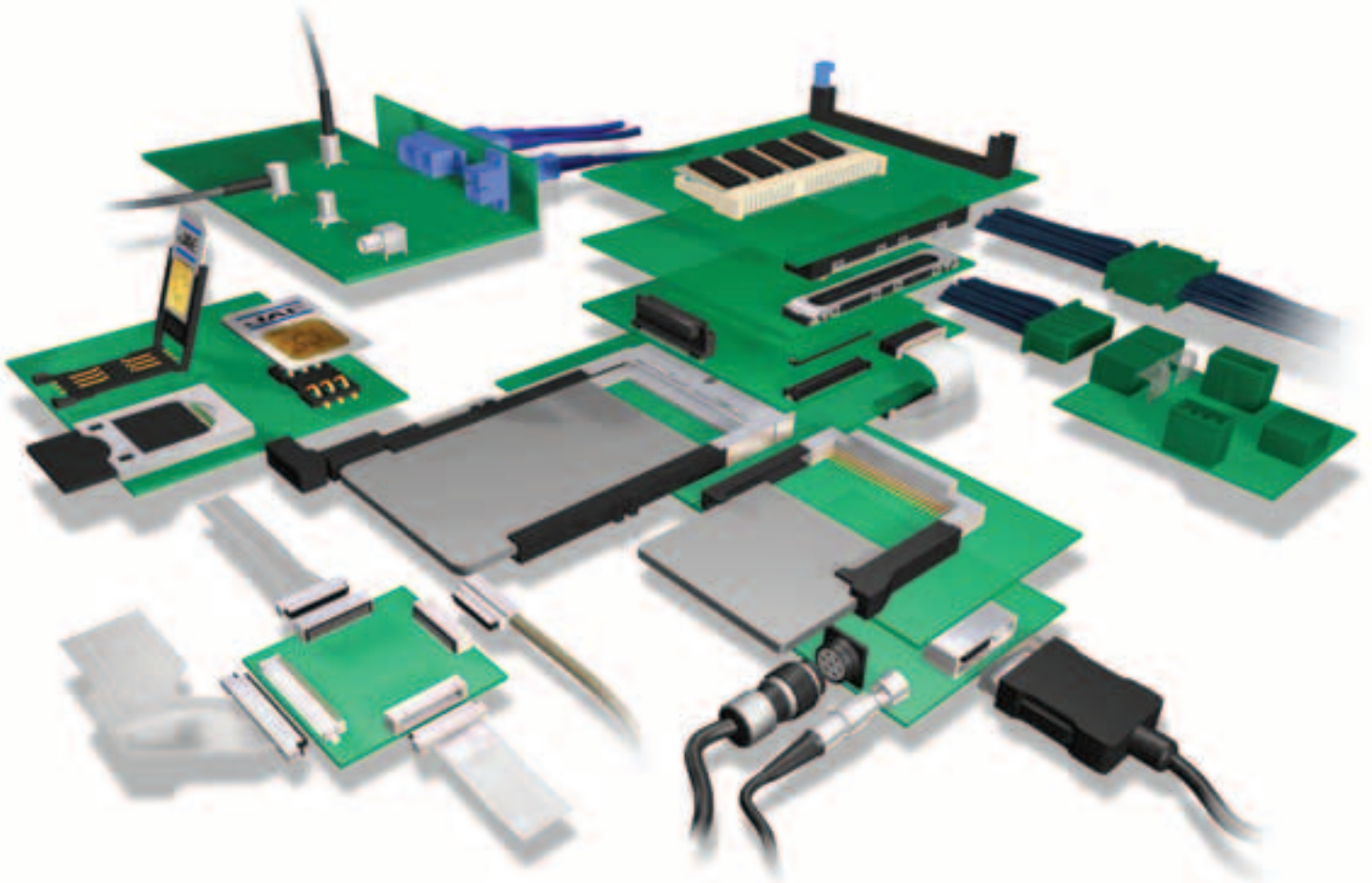


Technology to Inspire Innovation

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.

Table of Contents

| Product Series | Contact Spacing | Pages |
|--------------------------------|--------------------------------------|---------|
| SOCKETS/MEMORY PRODUCTS | | |
| PCMCIA | | |
| JC22..... | 1.27mm (.050")..... | 5 |
| COMPACT FLASH | | |
| JC26C2..... | 1.27mm (.050")..... | 6 - 7 |
| JC26E..... | 1.27mm (.050")..... | 8 |
| JC26F..... | 1.27mm (.050")..... | 9 |
| PCI EXPRESS MINI CARD | | |
| MM60..... | 0.8mm (.031")..... | 10 |
| EXPRESSCARD | | |
| PX10/11..... | 1.0mm (.039")..... | 11 - 12 |
| PX20/22..... | 1.0mm (.039") / 0.635mm (.025")..... | 13 - 14 |
| SMART/SIM CARD | | |
| SF2..... | 2.54mm (.100")..... | 15 |
| SF3..... | 2.54mm (.100")..... | 16 |
| SF6..... | 2.54mm (.100")..... | 17 |
| SF7..... | 2.54mm (.100")..... | 18 |
| SF7 (Slim)..... | 2.54mm (.100")..... | 19 |
| SF9..... | 2.54mm (.100")..... | 20 |
| SECURE DIGITAL CARD | | |
| SG5..... | 2.50mm (.098")..... | 21 |
| MINI SECURE DIGITAL CARD (SD) | | |
| ST4..... | 1.1mm (.043")..... | 22 |
| SC1..... | 2.50mm (.098")..... | 23 |
| MICRO SD/TRANSFLASH™ | | |
| ST1..... | 1.1mm (.043")..... | 24 |
| ST2..... | 1.1mm (.043")..... | 25 |

BOARD-TO-BOARD CONNECTOR PRODUCTS

| | | |
|----------------|---------------------|---------|
| BOARD-TO-BOARD | | |
| AA03..... | 0.40mm (.020")..... | 26 |
| WA6..... | 0.40mm (.020")..... | 27 |
| WH1..... | 0.40mm (.020")..... | 28 |
| AA01A..... | 0.50mm (.020")..... | 29 |
| IL-312..... | 0.50mm (.020")..... | 30 |
| WR..... | 0.50mm (.020")..... | 31 - 32 |
| WB3..... | 0.50mm (.020")..... | 33 |
| IL-WX..... | 0.80mm (.031")..... | 34 |
| KX14/15..... | 0.80mm (.031")..... | 35 - 36 |
| PM1..... | 0.80mm (.031")..... | 37 |
| WM1..... | 1.00mm (.039")..... | 38 |
| WM2..... | 1.00mm (.039")..... | 39 |
| TX24/TX25..... | 1.27mm (.050")..... | 40 |

Table of Contents

| Product Series | Contact Spacing | Pages |
|--|----------------------|---------|
| BOARD-TO-BOARD CONNECTOR PRODUCTS | | |
| WIRE-TO-BOARD | | |
| PCB-TO-FPC/FFC | | |
| FB3..... | 0.30mm (.012")..... | 41 |
| FB5..... | 0.30mm (.012")..... | 42 |
| FB6..... | 0.30mm (.012")..... | 43 |
| FF02..... | 0.30mm (.012")..... | 44 |
| FF02S..... | 0.30mm (.012")..... | 45 |
| FB8..... | 0.30mm (.012")..... | 46 |
| FA5..... | 0.50mm (.020")..... | 47 |
| FF03..... | 0.50mm (.020")..... | 48 |
| IL-FPR..... | 0.50mm (.020")..... | 49 |
| PCB-TO-CABLE/FPC | | |
| FI-J..... | 0.40mm (.016")..... | 50 - 51 |
| FI-R..... | 0.50mm (.020")..... | 52 - 53 |
| FI-X..... | 1.00mm (.039")..... | 54 - 55 |
| FI..... | 1.25mm (.049")..... | 56 - 58 |
| PCB-TO-CABLE | | |
| DX2/3..... | 0.80mm (.031")..... | 59 |
| FI-E..... | 1.00mm (.039")..... | 60 - 61 |
| CN10..... | | 62 - 63 |
| CV10..... | | 64 |
| IL-Z..... | 1.25mm (.049")..... | 65 - 66 |
| IL-S..... | 2.00mm (.079")..... | 67 - 68 |
| LY..... | 2.00mm (.079")..... | 69 |
| KD10/20..... | 2.00mm (.079")..... | 70 |
| IL-G..... | 2.50mm (.098")..... | 71 |
| INPUT/OUTPUT CONNECTOR PRODUCTS | | |
| PCB-TO-CABLE | | |
| DD1..... | 0.50mm (.020")..... | 72 - 73 |
| DD2..... | 0.50mm (.020")..... | 74 - 75 |
| DG1..... | 0.50mm (.020")..... | 76 |
| RA1..... | 0.50mm (.020")..... | 77 |
| RC1..... | 0.50mm (.020")..... | 78 |
| DA1..... | 0.60mm (.024")..... | 79 |
| DE1..... | 1.27mm (.050")..... | 80 |
| TX20A..... | 1.27mm (.050")..... | 81 |
| DV2..... | 1.905mm (.075")..... | 82 - 84 |
| CIRCULAR | | |
| JN1..... | | 85 - 86 |
| JN2..... | | 87 - 88 |
| JB5..... | | 89 |

Table of Contents

| <i>Product Series</i> | <i>Contact Spacing</i> | <i>Pages</i> |
|--|------------------------|--------------|
| INPUT/OUTPUT CONNECTOR PRODUCTS | | |
| CIRCULAR | | |
| JL04V | | 90 - 91 |
| JL05 | | 92 - 93 |
| JB1 | | 94 - 95 |
| SRCN | | 96 - 97 |
| N/MS | | 98 - 99 |
| FIBER OPTIC PRODUCTS | | |
| FO-FC | | 100 |
| FO-EX | | 101 |
| AUTOMOTIVE CONNECTOR PRODUCTS | | |
| PCB-TO-CABLE | | |
| MX34 | 1.1mm (.043") | 102 |
| MX7 | 2.30mm (.091") | 103 |
| IL-AG7 | 2.50mm (.098") | 104 |
| MX17 | 2.50mm (.098") | 105 - 106 |
| MX23A | 2.50mm (.098") | 107 - 108 |
| MX10 | 2.50mm (.098") | 109 |
| MX5 | 3.00mm (.118") | 110 |
| PCB-TO-CABLE/CABLE-TO-CABLE | | |
| IL-AG5 | 2.50mm (.098") | 111 |
| IL-AG6 | 2.50mm (.098") | 112 |
| MX9 | 3.50mm (.138") | 113 |
| MX25 | 6.7mm (2.64") | 114 |
| MX36 | 2.50mm (.098") | 115 |
| CABLE-TO-CABLE | | |
| IL-AG9 | 2.50mm (.098") | 116 - 118 |
| MX19 | 2.50mm (.098") | 119 |

- 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

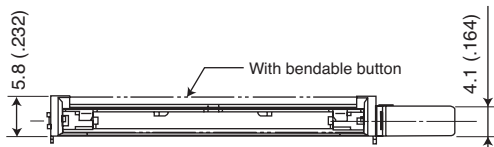
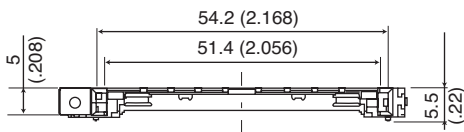
1.27mm (.050") Contact Spacing, Connectors for Compact Flash Type I/II



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 |

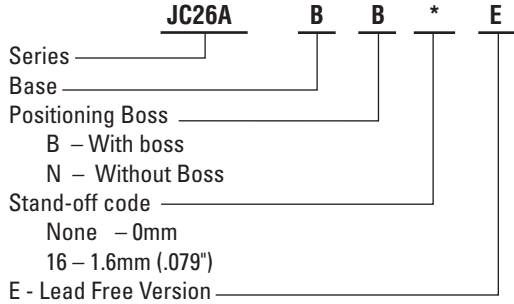
Dimensions and specifications subject to change without notice.

JC26C2 SERIES CONNECTORS

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

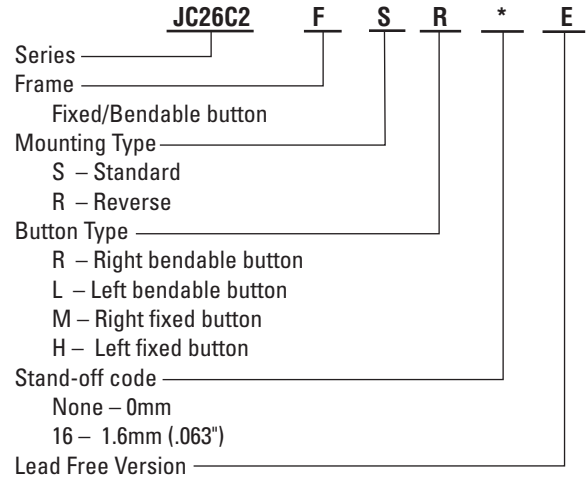
JC26A ORDERING INFORMATION

• Base

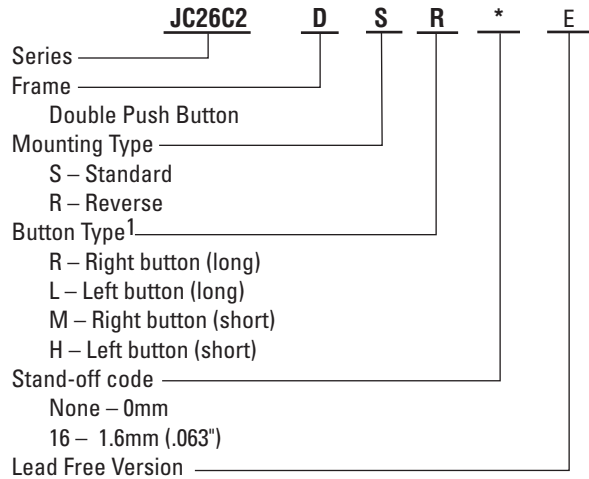


JC26C2 ORDERING INFORMATION

• Frame (Fixed/Bendable Eject Button)



• Frame (Double Push Button)



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

Technology to Inspire Innovation

JAE

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



Japan Aviation Electronics Industry, Limited

1-19, Aobadai 3-chome, Meguro-ku
Tokyo 153-8539, Japan
Telephone: 03-3780-2736
Fax: 03-3780-2883

JAE Electronics, Inc.

142 Technology Drive, Suite 100
Irvine, California 92618-2430, U.S.A.
Telephone: 949-753-2600
Fax: 949-753-2699
800-523-7278 Toll free in the U.S.A.

JAE Europe

Coliseum Business Centre
Riverside Way, Camberley
Surrey, GU15 3YL, England
Telephone: 44-1276-404000
Fax: 44-1276-404010

JAE Taiwan, Ltd.

4F-1, No. 88, Chung Hsiao E. Rd.
Sec. 2, Taipei, Taiwan, R.O.C.
Telephone: 886-2-2396-7676
Fax: 886-2-2392-5929

JAE Hong Kong, Ltd.

Suites 1407-11, 14/F, Tower 2, The Gateway,
25 Canton Road, Tsimshatsui, Kowloon, Hong Kong
Telephone: 852-2723-7782
Fax: 852-2723-9028

JAE Korea, Inc.

1602, Korea City Air Tower
159-9 Samsung-Dong, Kangnam-ku
Seoul, 135-973, Korea
Telephone: 82-2-551-8959
Fax: 82-2-551-8958

JAE Philippines, Inc.

PEZA Zone, Gateway Business Park, Javalera
General Trias, 4107 Cavite, Philippines
Telephone: 63-46-433-0285
Fax: 63-46-433-0287

JAE Singapore Pte., Ltd.

33 Tannery Lane, #02-01 Hoesteel
Industrial Building
Singapore 347789
Telephone: 65-6748-1332
Fax: 65-6748-2920

JAE Shanghai Co., Ltd.

RM 1407, Shanghai Mart 2299 Yanan Rd.
West Shanghai 200336 P.R.C.
Telephone: 86-21-6236-0322
Fax: 86-21-6236-1292