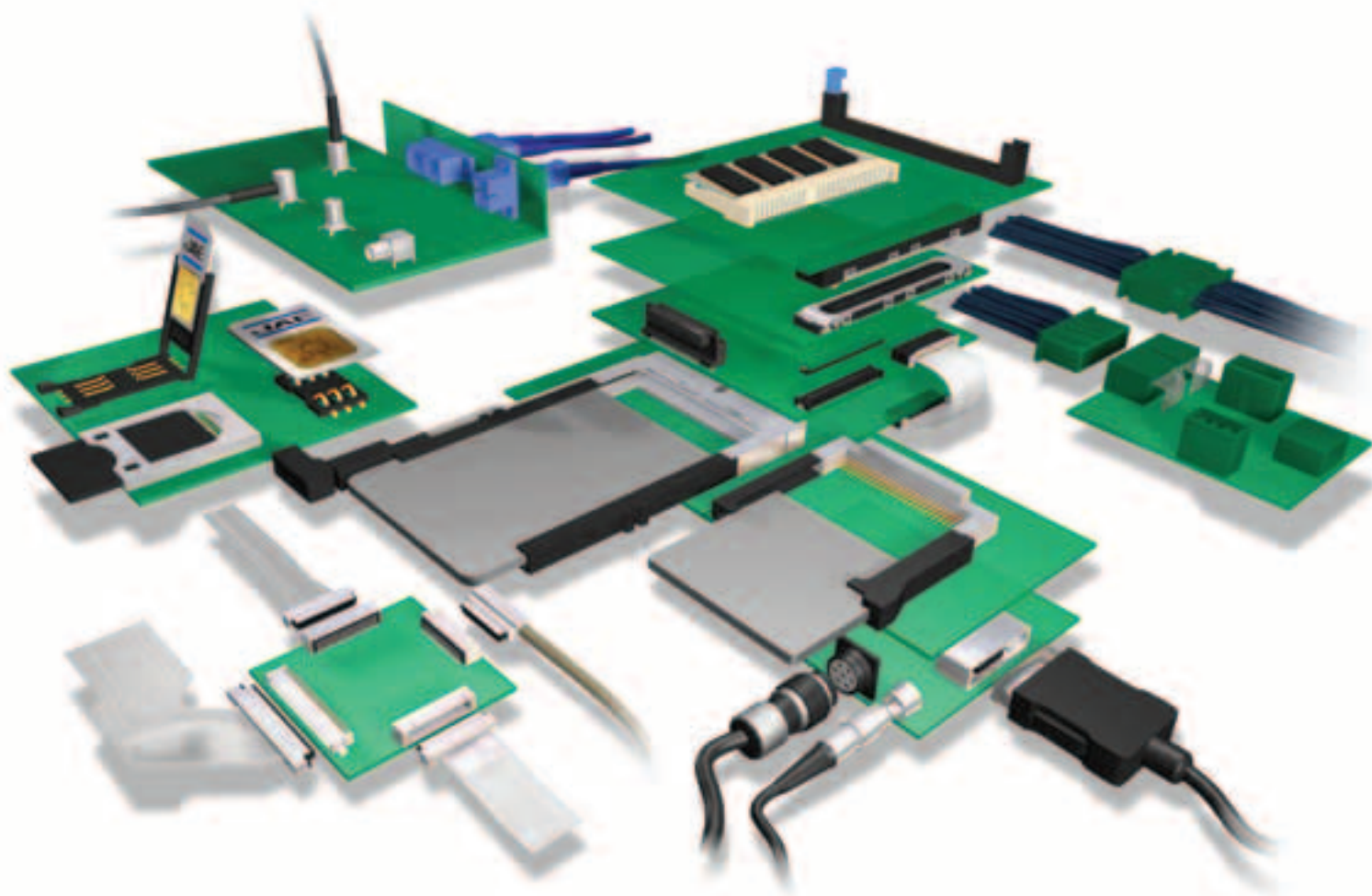


Preferred Connector Products

Technology to Inspire Innovation

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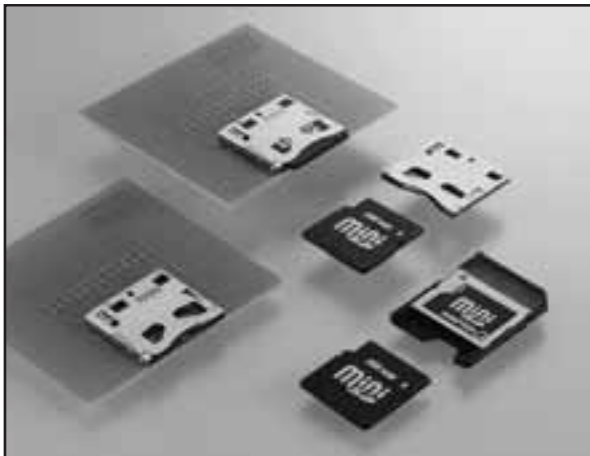
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- All JAE connector products shown in this catalog are lead free.
- We reserve the right to modify designs in order to improve quality, keep pace with technological advancements or meet particular requirements in production.
- Products shown in this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

SC1 SERIES CONNECTORS

1.33mm (.050") Contact Spacing, Connector for miniSD Card



FEATURES

- Connector for small and low-profile type miniSD cards
 - Push-push type with eject structure
 - Top-mount type: Inner-lead type with mould-in structure
 - Bottom-mount type: Outer-lead type with mould-in structure
 - Complete EMI resistant structure with hold down at 4 locations
 - User-friendly structure with audible click sound when inserting card
 - Card insertion detection switch
 - Compatible to automatic mounting
 - Adapter card: Short structure between No. 3 contact and cover
- Available with movable write protect switch, name display print, and soft case

ORDERING INFORMATION

SC1 S 0 V 1 * 2 R400**

Series _____

Connector for miniSD card _____

Non-ZIF Structure _____

Number of Contacts _____

011 _____

009 _____

SMT mounting, with hold down _____

Finishes _____

1 - 0.3µm Min Gold plating over Nickel _____

Mounting _____

S - Standard _____

R - Reverse _____

Modification Code _____

Tape and Reel _____

R400 – 400 pcs/reel _____

● ● ● ● ● ● ● ● ● ● ● ● ● ●

The SC1 series is a connector for the miniSD card, which is standardized small card for mobile phones and various small portable devices by SDA. (SDA: SD CARD Association)

GENERAL SPECIFICATIONS

Number of Contacts	9pos. (adapter), 11pos. (connector)
Contact Spacing	1.33mm (.050")
Contact Resistance	100 milliohms max.
Dielectric Withstanding Voltage	DC500V (per min.)
Insulation Resistance	1000 megohms min.
Rated Current	0.5A ,max.
Rated voltage	3.3V
Lifetime	10,000 times
Operating Temperature	-25°C to +85°C

MATERIALS AND FINISHES

- **Connector**

Description	Materials/Finishes
Contact	Copper Alloy/Gold plating over Nickel
Hold Down	Copper Alloy/Gold plating over Nickel
Housing	Glass filled LCT/UI 94V-0
Eject Lever	Glass filled 9TNY/UL94V-0
Cover	Stainless Steel
Cam Follower	Piano wire/Gold plating over Nickel
Spring	Piano wire/Gold plating over Nickel
D-SW-1	Copper Alloy/Gold plating over Nickel
D-SW-2	Copper Alloy/Gold plating over Nickel
Card Lock	Stainless Steel

- **Adapter Card**

Contact	Copper Alloy/Gold plating over Nickel
Insulator	PBT/UL95V-0
Housing	PC-UL95V-0
Cover	Stainless Steel
W-PS/W	POM

Technology to Inspire Innovation



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



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