

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.

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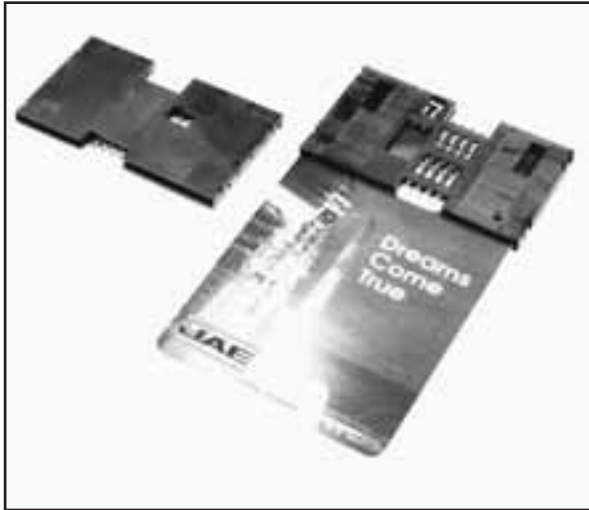
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- All JAE connector products shown in this catalog are lead free.
- We reserve the right to modify designs in order to improve quality, keep pace with technological advancements or meet particular requirements in production.
- Products shown in this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

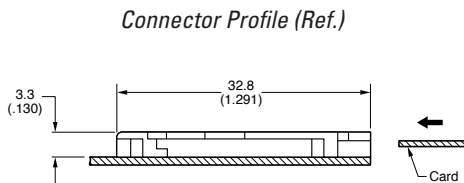
SF3 SERIES CONNECTORS

2.54mm (.100") Contact Spacing, Smart Card SMT Connectors



FEATURES

- 8 pins, plus 2 card switch detection pins
- Slide to contact IC card
- High density SMT packaging
- 3.3mm (.130") installed connector height



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SF3 Series socket connectors are designed for ISO 7816 specified IC cards. They are ideal for use in various terminal devices such as network computers, set-top boxes, PCs keyboards and portable telecommunications terminals.

GENERAL SPECIFICATIONS

Number of Contacts	8 signal contacts, plus 2 switch contacts
Contact Spacing	2.54mm (.100")
Current Rating	1 μ Amp per contact
Dielectric Withstanding Voltage	250 VAC r.m.s. (for one minute)
Insulation Resistance	1000 megohms min.
Contact Resistance	100 milliohms max.
Operating Temperature	-40°C to +90°C
Lifecycles	100k

MATERIALS AND FINISHES

Description	Materials/Finishes
Insulator	Glass-filled PPS (UL94V-0, Black)
Signal Contact	Copper Alloy Connecting area: Gold over Palladium Nickel SMT area: Tin-Lead
Switch Contact	Copper Alloy Connecting area: Gold over Palladium Nickel SMT area: Tin over Nickel Plating

ORDERING INFORMATION

	SF3	W	***	S	*	A	E
Series	_____						
Mounting Type	_____						
W – SMT	_____						
No. of Contacts	_____						
010 – 8 Signal, 2 Switch	_____						
Connector Type	_____						
S – Socket	_____						
Contact Plating	_____						
9 – 0.03 μ m (.0000001") Gold over Palladium plus Nickel	_____						
Modification Code	_____						
A – Right Side Switch	_____						
B – Left Side Switch	_____						
Lead Free Version	_____						

Dimensions and specifications subject to change without notice.

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JAE

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



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