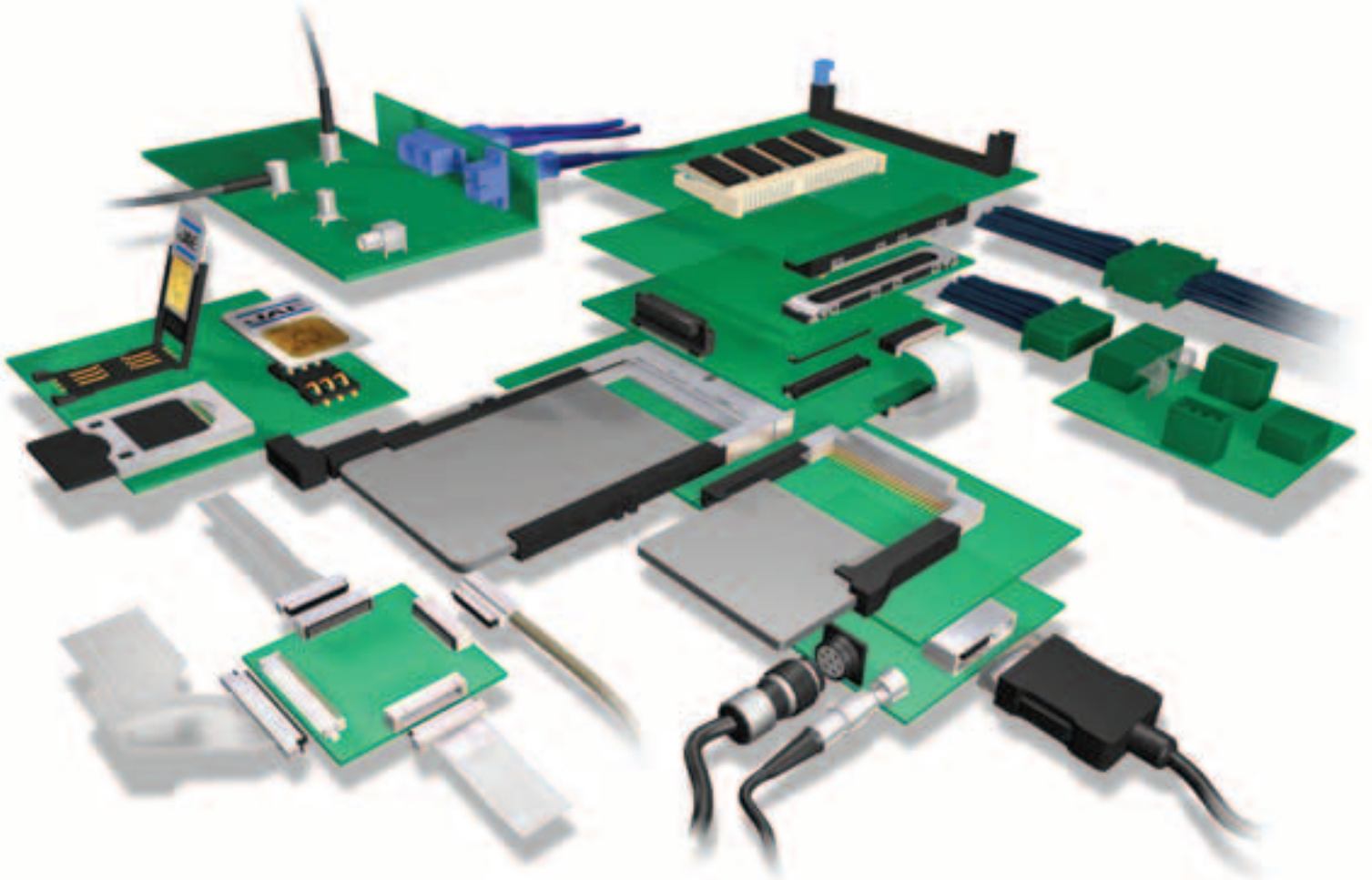


Technology to Inspire Innovation

# ***Preferred Connector Products***

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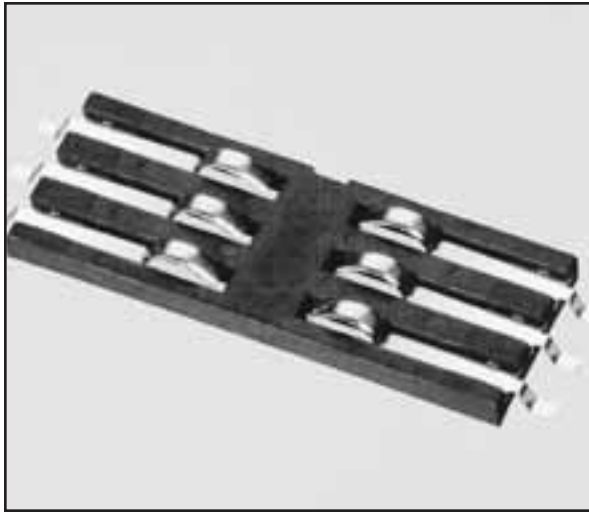
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- All JAE connector products shown in this catalog are lead free.
- We reserve the right to modify designs in order to improve quality, keep pace with technological advancements or meet particular requirements in production.
- Products shown in this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

# SF2 SERIES CONNECTORS

## 2.54mm (.100") Contact Spacing, Connector for GSM 11.11 Standard Plug in SIM Card



### FEATURES

- Compatible with the GSM 11.11 standard Plug in SIM Card used for the European digital mobile phone GSM telecommunication method and the UIM Card used for the next generation mobile phone IMT 2000 telecommunication method (W-CDMA, etc.)
- Super low profile with a height of 0.5mm (.020") from the board to the housing (Note that the card insertion direction is limited)
- New contact shape does not require preventing the contact leads from contacting the board when inserting (board hole, etc)
- Strength is enhanced by molding contacts and housing
- Mis-mounting prevention shape with notches on the corner and side without board positioning boss
- Absorption area used for SMT mounting and automatic. Embossed-tape supply is available



The SF2 Series is a connector compatible with the GSM 11.11 standard Plug in SIM Card used for the European digital mobile phone GSM telecommunication method and also compatible with the UIM Card used for the next generation mobile phone IMT 2000 telecommunication method (W-CDMA, etc.) (SIM: Subscriber Identity Module, UIM: Universal Identity Module)

### GENERAL SPECIFICATIONS

Number of Contacts	6 pos.
Contact Spacing	2.54mm (.100")
Current Rating	10mA ~ 1Amp
Dielectric Withstanding Voltage	>250 VAC r.m.s. (for one minute)
Insulation Resistance	1000 megohms min. at DC500V
Contact Resistance	100 milliohms max.
Operating Temperature	-40°C to +90°C
Life Cycles	5,000 min.

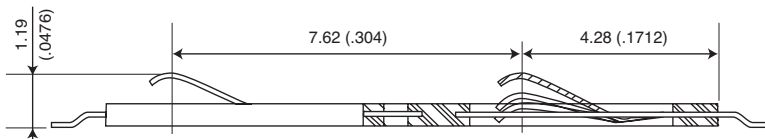
### MATERIALS AND FINISHES

Components	Materials/Finishes
Contact	Copper Alloy Connecting area: Gold Plating over Nickel Terminal area: Gold Flash over Nickel
Housing	Glass Filled Nylon

### ORDERING INFORMATION

	<b>SF2</b>	<b>W</b>	<b>006S</b>	<b>4</b>	<b>K</b>	<b>E3000</b>
Series	_____					
For SIM Card, UIM Card	_____					
SMT Mounting	_____					
No. of Pos.	_____					
6 Contacts	_____					
Contact Finish	_____					
Gold Plating over Nickel	_____					
Modification Code	_____					
K – Housing Height 0.5mm Type	_____					
Embossed Reel	_____					
E3000 – 3,000 pcs/reel	_____					

Connector Profile (Ref.)



Dimensions in mm (inches).

Technology to Inspire Innovation

# JAE

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



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