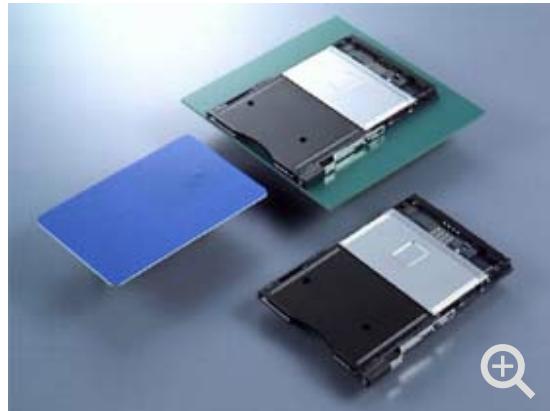


# SF6 Series (Smart Card Connector)

## Smart Card Connector with Eject Button



Smart Card connector with eject button and super thin 4.8mm height. Compliant with ISO 7816 Standard Smart Card. (IC Card)

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## Features

- Equipped with an eject structure for one-touch IC card ejection.
- Employs ZIF landing structure and achieve an IC card insertion/ removal endurance of more than 200,000 times.
- Equipped with a switch to detect IC card insertion.
- Feeling that lets you know IC card insertion is completed.
- Comes with mating card lock structure to prevent card removal due to vibration or shock when the IC card is inserted.
- Ground terminals are attached to nuts to anchor on the board as a measure against static electricity.
- Employs a structure to prevent unnecessary IC card protrusion at IC ejection and sets the protruding length to 20 - 50mm.

## General Specifications

<b>Number of Contacts</b>	6 + 2 (switch)
<b>Rated Current</b>	signal contact: 1 A, switch: 10 mA
<b>Dielectric Withstanding Voltage</b>	signal contact: 500 VACr.m.s. (1 minute), switch: 100 VACr.m.s. (1 minute)
<b>Insulation Resistance</b>	signal contact: 1000 megohm min., switch: 100 megohm min.
<b>Contact Resistance</b>	signal contact: 100 milliohm max., switch: 1000 milliohm max.
<b>Operating Temperature Range</b>	-30 deg. C to +85 deg. C
<b>Durability Mating Cycles</b>	100000, 200000

### Notice

1. The values specified in this web site are only for reference. The products and their specifications are subject to change without notice. Contact our sales staff for further information before considering or ordering any of our products.  
For purchase, a product specification must be agreed upon.
2. Users are requested to provide protection circuits and redundancy circuits to ensure safety of the equipment, and sufficiently review the suitability of JAE's products to the equipment.
3. The products presented in this web site are designed for the uses recommended below.  
We strongly suggest you contact our sales staff when considering use

of any of the products in any other way than the recommended applications or for a specific use that requires an extremely high reliability.

(1) Applications that require consultation:

\*Please contact us if you are considering use involving a quality assurance program that you specify or that is peculiar to the industry, such as:

Automotive electrical components, train control, telecommunications devices (mainline), traffic light control, electric power, combustion control, fire prevention or security systems, disaster prevention equipment, etc.

\*We may separately give you our support with a quality assurance program that

you specify, when you think of a use such as :

Aviation or space equipment, submarine repeaters, nuclear power control systems, medical equipment for life support, etc.

(2) Recommended applications include:

\*Computers, office appliances, telecommunications devices (terminals, mobile units), measuring equipment, audiovisual equipment, home electric appliances, factory automation equipment, etc