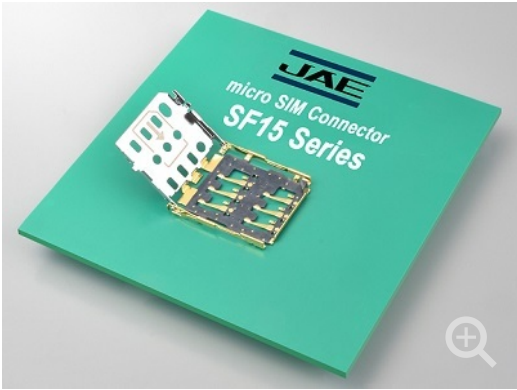


# SF15 Series (microSIM Card Connector)

## microSIM Card Connector



Along with the recent advancement of IoT and commercialized 5G services, various devices install SIM cards for wireless connection. Due to the progress of electrification (EV) and higher functionality of automobiles, they are also being equipped with wireless WAN capabilities to allow software updates, providing WiFi connectivity to passenger, and other use cases. To meet this demand, we have evaluated the “SF15 Series” of micro SIM(Mini-UICC) card-compatible hinge-type connectors automotive specifications, including high-temperature environments of 125°C.  
(SIM : Subscriber Identify Module)

## Features

- Slim design: 1.55mm height, 13.95mm width, and15.60mm depth
- Easy-to-operate hinge mechanism allows access from above connector
- Good EMI performance with 5 grounded hold-down points
- Lock structure that prevents opening of the cover if the device is dropped
- Supports automated mounting --- supplied in embossed tape

## Applications

Tablets, notebook PCs, audio visual equipment, and others

- \* Please contact us for automotive spec tested specifications.
- \* This product is not IATF certified.

## General Specifications

Number of Contacts	6 pos.
Rated Current	0.5 A max.

<b>Rated Voltage</b>	10 V max.
<b>Contact Resistance</b>	100 mΩ max. (initial)
<b>Dielectric Withstanding Voltage</b>	500 Vr.m.s. (per minute)
<b>Insulation Resistance</b>	1,000 MΩ min. (initial)
<b>Durability Mating Cycles</b>	1,500 times
<b>Operating Temperature Range</b>	- 30 deg. C to + 85 deg. C (General Item) - 40 deg. C to + 125 deg. C (Automotive spec tested product)

### 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 evention 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