



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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**NEW**



PLUG IN SIM Card Connector  
compatible to GSM 11.11 Standard

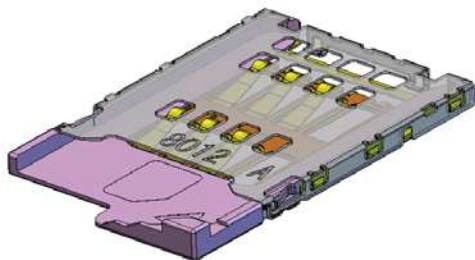
CONNECTOR

MB-0194-1

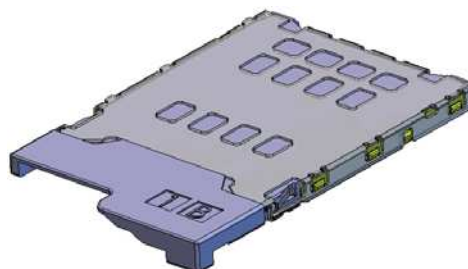
January 2009

## SF8 Series

**RoHS Compliant**



Standard



Reverse

SF8 Series is a tray type connector compatible with GSM 11.11 standard Plug in SIM card for GSM mobile phones.

(SIM: Subscriber Identification Module)

### Features

- Tray type connector for GSM 11.11 standard Plug in SIM card
- Low profile structure, 1.55mm height, 16.65mm width, 19.3mm depth (26.2mm when card is inserted).
- Two types of mounting, normal (A type) and reverse (B type).
- Connector main body is provided in emboss (compatible to second reflow), tray provided in tray (tray is attached after mounting the main body).
- 4 portions of H/D ensures EMI/ESD countermeasure and gives consideration to prevention of instantaneous interruption caused by falling.
- Retention lock on tray provides click feeling when mated, and makes positioning easier and also prevents falling of tray.

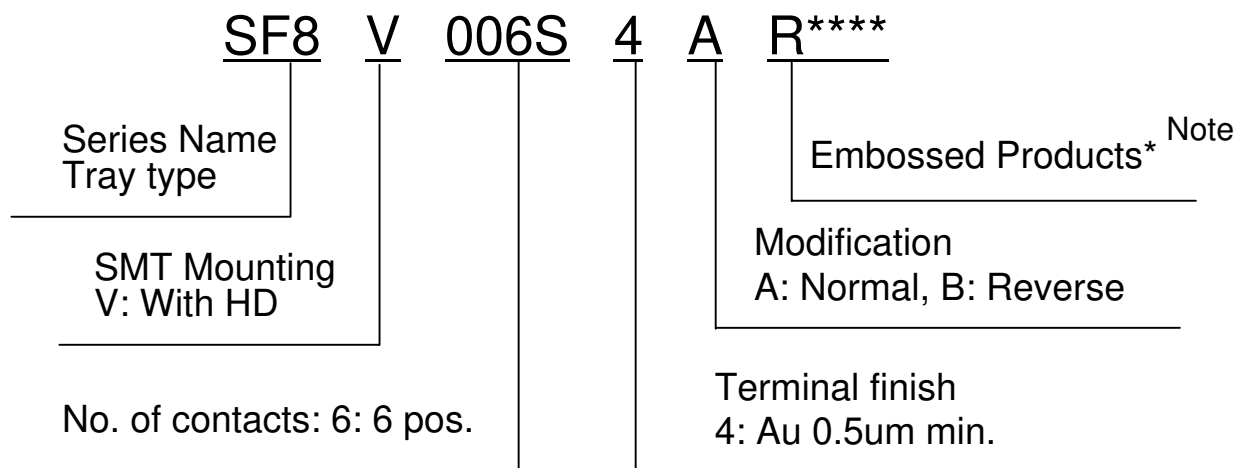
### General Specification

- |                                    |                             |
|------------------------------------|-----------------------------|
| •No. of Contacts: 6pos.            | •Rated Current: 10u A to 1A |
| •Contact Resistance: 100m ohm max. | •Insulation Resistance:     |
| •Dielectric Withstanding Voltage:  | 1000M ohm min.              |
| AC500Vr.m.s 1minute                | •Lifetime: 5000 times       |
| •Operating Temperature:            |                             |
| -40 Deg. C to +90 Deg. C           |                             |

Materials and Finishes

Component	Material/Finish
Contact	Copper alloy/0.5u min. Au over Ni (contact area)
Housing	Glass filled LCP/none(UL94V-0)
Cover Frame	Stainless steel/none, Au plating over Ni (terminal portion only)
Tray	POM/none (UL94HB)

Ordering Information



Note) Main body of connector is supplied in emboss, tray in tray packaging.  
Please contact us for further information.

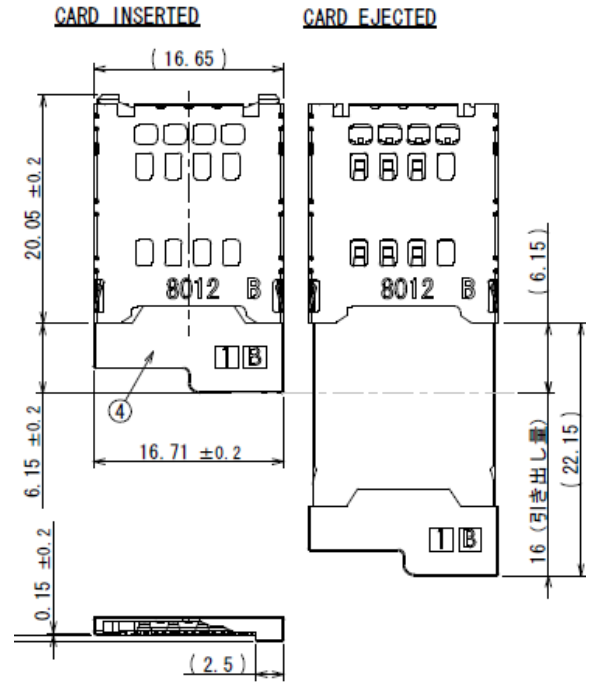
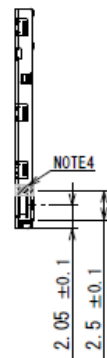
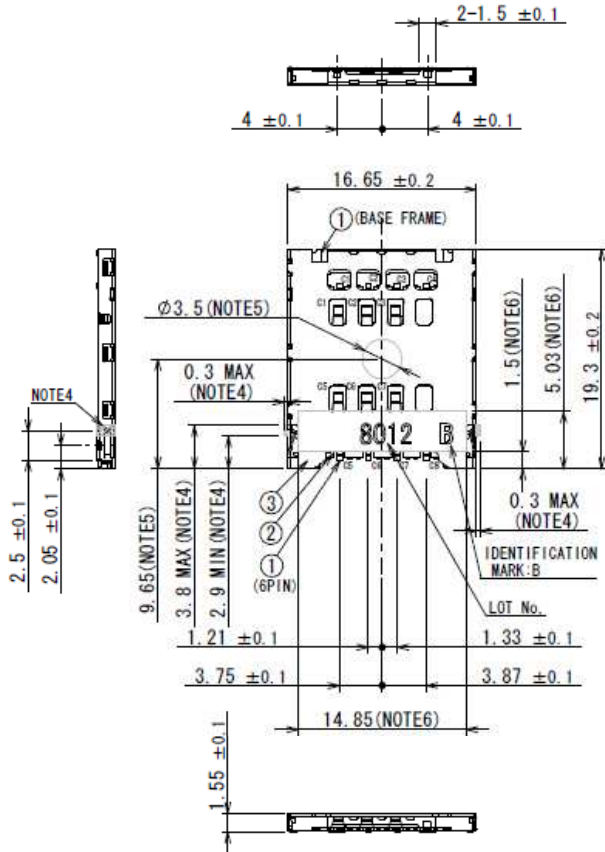
Please refer to JAHL-10578 for assembly and handling of connector and tray.



Part Number	SJ Drawing
SF8V006S4B (main body of connector)	SJ109289
SF8-STR1-B (Type B tray)	SJ109290

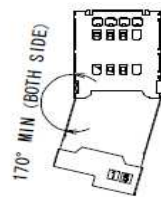
Reverse Mounting Type

Unit: mm



- NOTE1. NO PATTERN AND VIA HOLE SHOULD BE LOCATED IN THIS AREAS. BUT PATTERN OF GND IS APPROVAL
- NOTE2. NO PATTERN AND VIA HOLE SHOULD BE LOCATED IN THIS AREAS.
- NOTE3. NO PATTERN, VIA HOLE AND SOLDER RESIST IN THIS AREAS.
- NOTE4. NO PARTS LOCATED IN THIS AREA.
- NOTE5. VACUUM AREA
- NOTE6. LOT No. & IDENTIFICATION MARK AREA
- NOTE7. COPLANARITY SHOULD BE 0.1mmMAX.
- NOTE8. THE THICKNESS OF REINFORCEMENT BOARD IS 0.6MIN. WHEN THE PRODUCT WILL MOUNT ON FPC.

- 注1. パターン及びビアホール禁止エリアを示す。但し、GNDのパターンは可とする
- 注2. パターン及びビアホール禁止エリアを示す。
- 注3. パターン、ビアホール及びレジスト禁止エリアを示す。
- 注4. 部品搭載不可エリアを示す。
- 注5. 吸着エリア
- 注6. LOT No. 及び識別マークエリア (本品 : B)
- 注7. コプラナリティー0.1mm以下とする。
- 注8. FPC搭載時の補強板厚は0.6以上とする。



LOCATE THE PARTS (CASE)  
170° MIN.  
170° 以上になるように  
筐体設定願います。

APPLICABLE P. C. B. DIMENSION (REF)

=> Please refer to page 3/4.

**Notice:** Products shown in this leaflet are made for the applications listed below. 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, Telecommunication devices (Terminals, Mobile devices), AV devices, Household applications, FA devices, etc.

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