

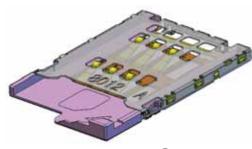


PLUG IN SIM Card Connector compatible to GSM 11.11 Standard

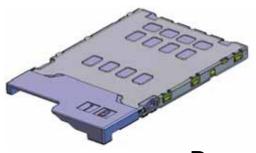
SF8 Series

CONNECTOR
MB-0194-1
January 2009

RoHS Compliant







<u>Reverse</u>

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.
- •Contact Resistance: 100m ohm max.
- Dielectric Withstanding Voltage:

AC500Vr.m.s 1minute

Operating Temperature:

-40 Deg. C to +90 Deg. C

- Rated Current: 10u A to 1A
- •Insulation Resistance:

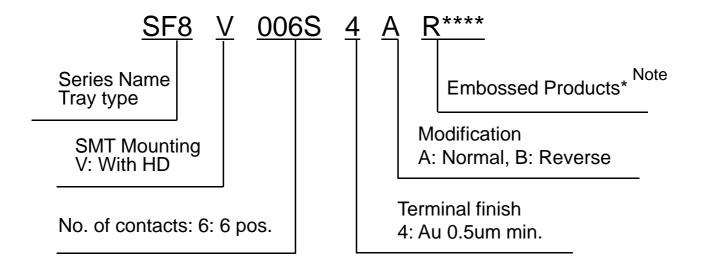
1000M ohm min.

•Lifetime: 5000 times

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



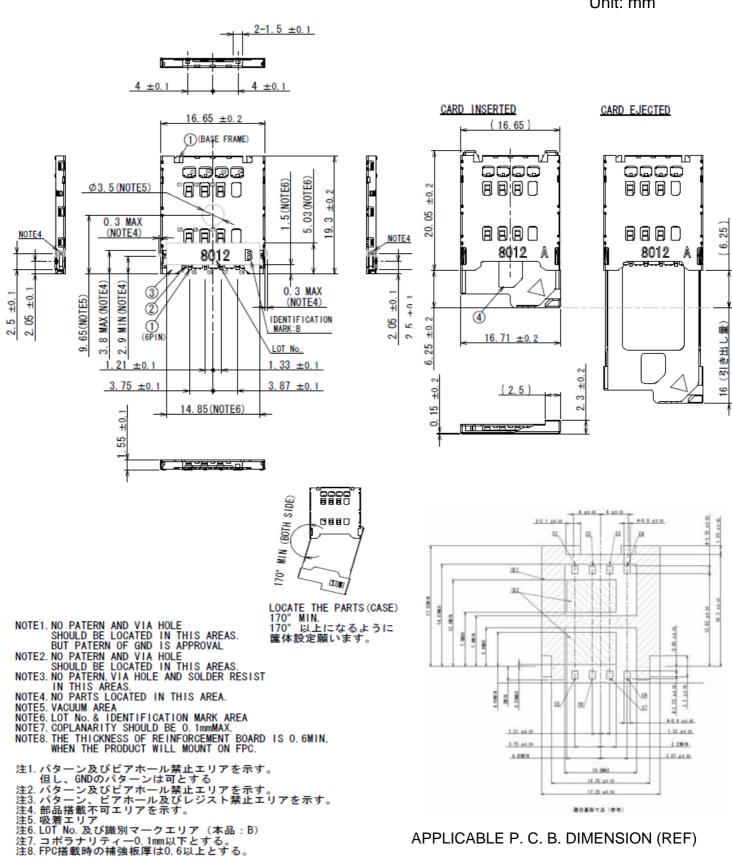
Note) Main body of connector is supplied in emboss, tray in tray packaging. Please contact us for further information.

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

Part Number	SJ Drawing
SF8V006S4A (main body of connector)	SJ109314
SF8-STS1-A (Type A tray)	SJ109315

Standard **Mounting Type**

Unit: mm

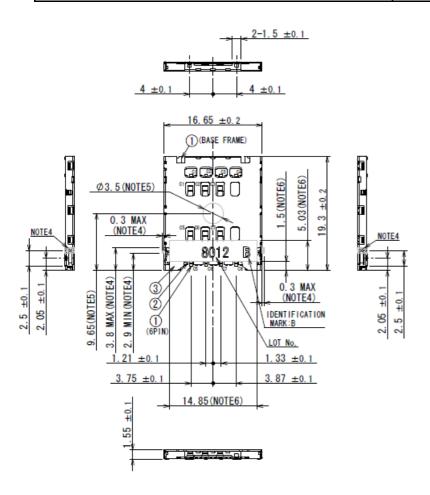


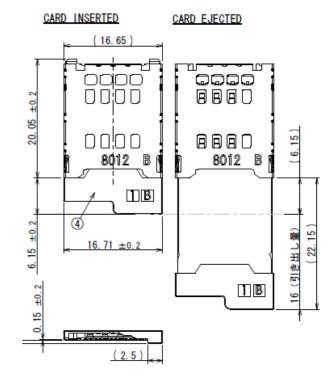
APPLICABLE P. C. B. DIMENSION (REF)

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

Reverse **Mounting Type**

Unit: mm





NOTE1. NO PATERN AND VIA HOLE
SHOULD BE LOCATED IN THIS AREAS.
BUT PATERN OF GND IS APPROVAL

NOTE2. NO PATERN AND VIA HOLE
SHOULD BE LOCATED IN THIS AREAS.

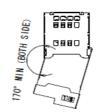
NOTE3. NO PATERN, VIA HOLE AND SOLDER RESIST
IN THIS AREAS.

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. コポラナリティー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 筺体設定願います。

APPLICABLE P. C. B. DIMENSION (REF)

=> Please refer to page 3/4.

Japan Aviation Electronics Industry, Limited

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.