



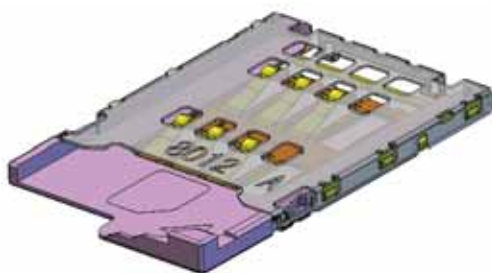
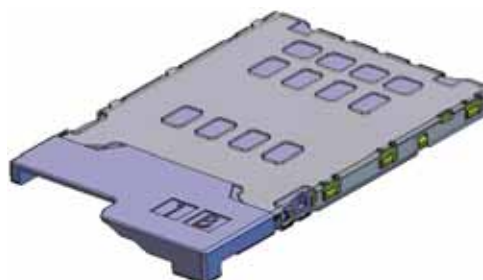
PLUG IN SIM Card Connector  
compatible to GSM 11.11 Standard

CONNECTOR

MB-0194-1

January 2009

## SF8 Series

**RoHS Compliant**StandardReverse

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,<br>Au plating over Ni (terminal portion only) |
| Tray        | POM/none (UL94HB)                                                   |

## Ordering Information

|                            |          |             |          |          |                                       |      |
|----------------------------|----------|-------------|----------|----------|---------------------------------------|------|
| <u>SF8</u>                 | <u>V</u> | <u>006S</u> | <u>4</u> | <u>A</u> | <u>R****</u>                          | Note |
| Series Name<br>Tray type   |          |             |          |          | Embossed Products*                    |      |
| SMT Mounting<br>V: With HD |          |             |          |          | Modification<br>A: Normal, B: Reverse |      |
| No. of contacts: 6: 6 pos. |          |             |          |          | Terminal finish<br>4: Au 0.5um min.   |      |

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.



