



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



NEW


microSD™ Small Memory Card Connector

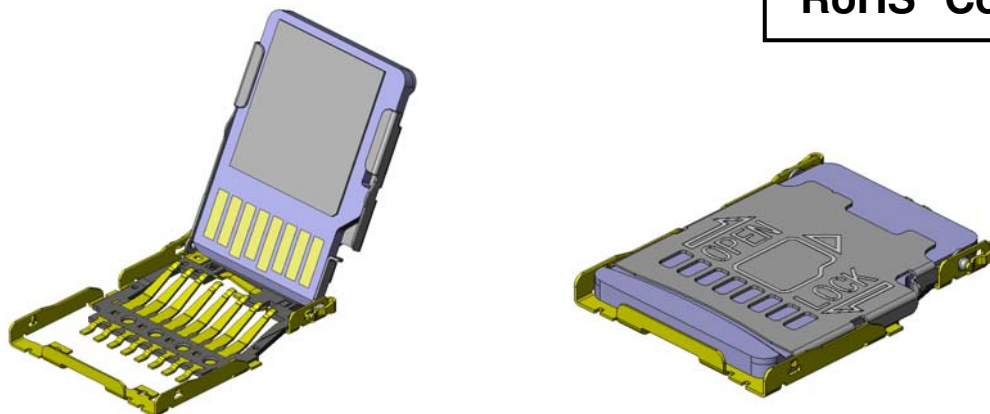
CONNECTOR

MB-0195-1

January 2009

ST1-F/G Series

RoHS Compliant



The ST1 Series is a one-piece type connector for microSD™ memory cards.

It is a low-profile, high-density, SMT mounted connector which is compatible with the microSD™ card used in a variety of portable devices and standardized by the SDA (SD Card Association).

* microSD™ is a trademark of SD Card Association.

Features

- Push-slide, hinge type connector for microSD™ small memory card.
- Available with card insertion detection switch (F type), and without (G type).
- Shield feature is secured by 4 ground connection points on hinge cover.
- Slim design with 1.4mm height, 15.5mm depth, 11.9mm width.
- Lock structure to prevent the cover from opening when dropped.

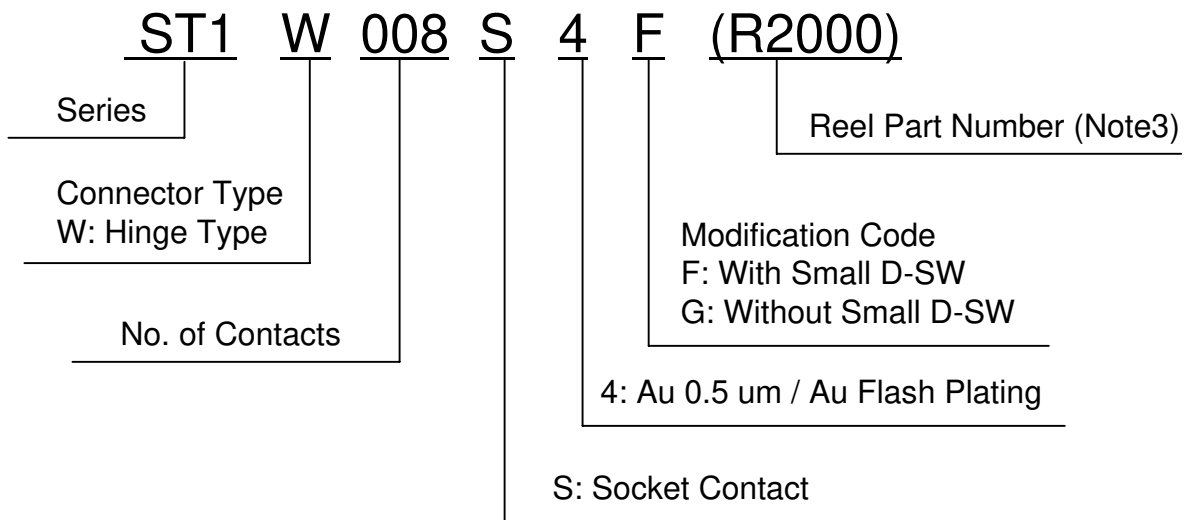
General Specifications

- | | |
|--|---|
| ■ No. of Contacts : 8pos. | ■ Rated Current: 0.5A per pin |
| ■ Contact Resistance: 100m ohm max. | ■ Rated Voltage: 10V per pin |
| ■ Dielectric Withstanding Voltage :
AC500Vr.m.s. per minute | ■ Insulation Resistance: 1000M ohm min. |
| ■ Operating Temperature:
-25 Deg. C to +85 Deg. C | ■ Lifetime: 10,000 insertions |
| ■ Storage Temperature:
-10 Deg. C to +60 Deg. C | ■ Temperature Rise: 30 Deg. C rise max. |

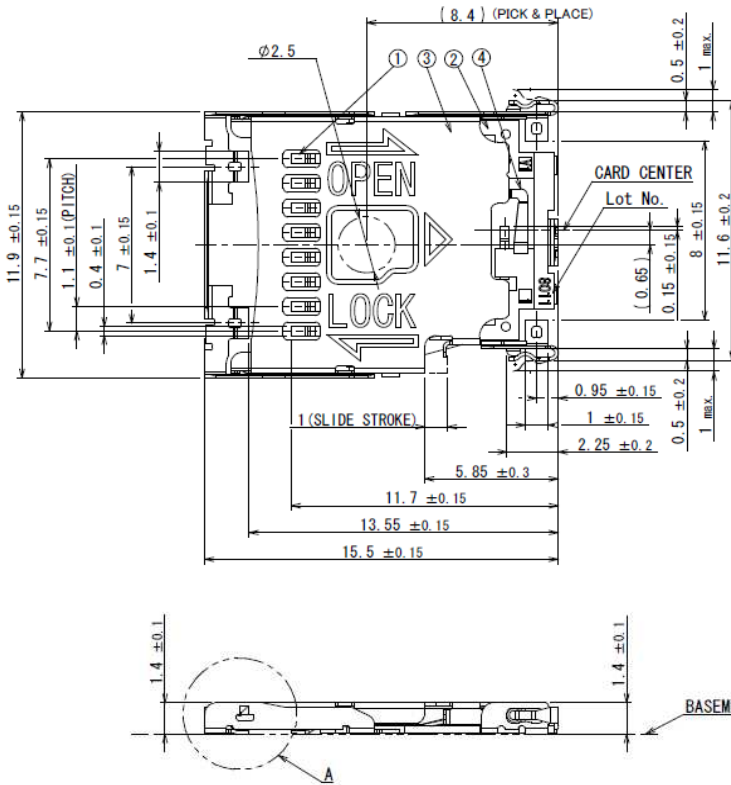
Materials and Finishes

Component	Material / Finish
Contact	Copper alloy / Contact area: 0.5um min. Au plating over Ni Terminal area: Au flash plating over Ni
Housing	Synthetic resin / No (UL94V-0)
Cover	Stainless steel / No (Terminal area: compliant with contact)

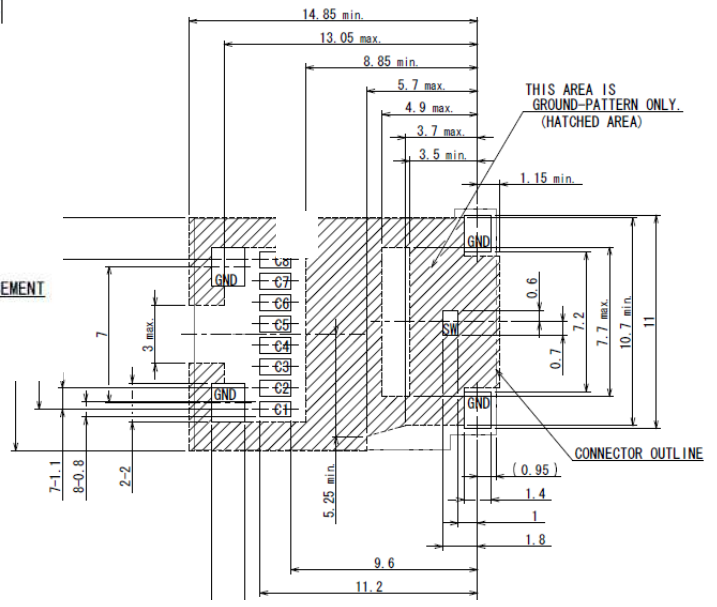
Ordering Information



Part Number	SJ Drawing
ST1W008S4F	SJ109283



Unit: mm



Applicable board dimensions

(for reference)

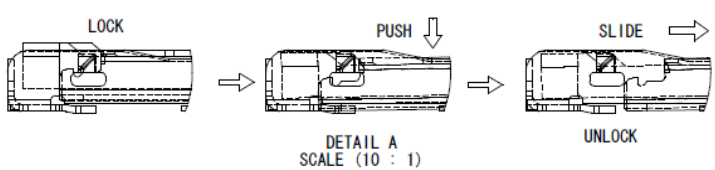
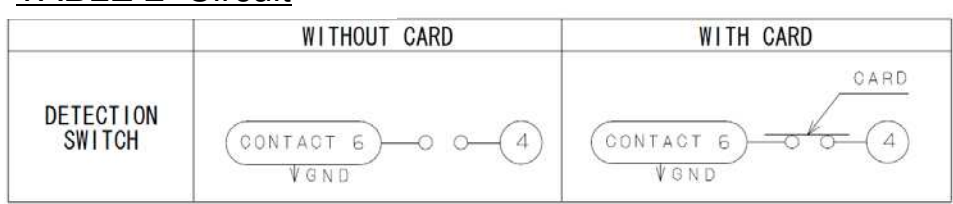
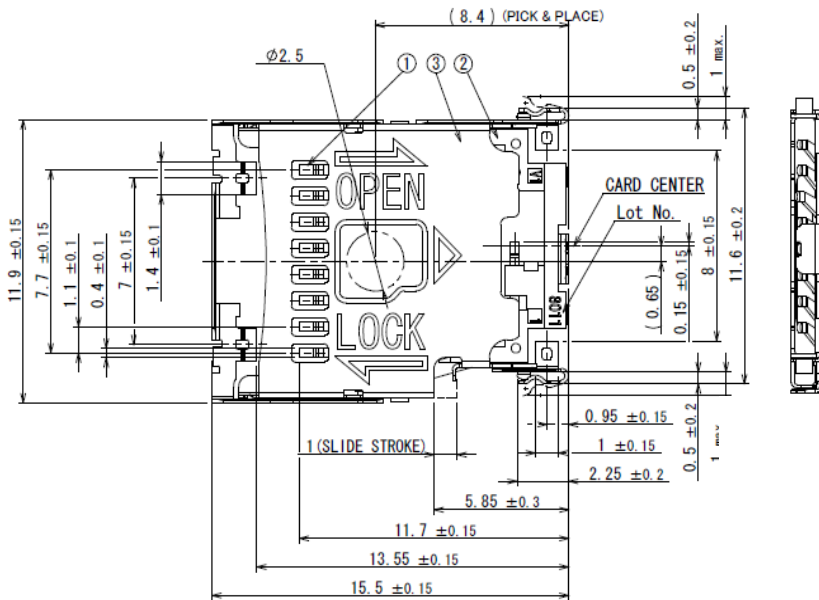


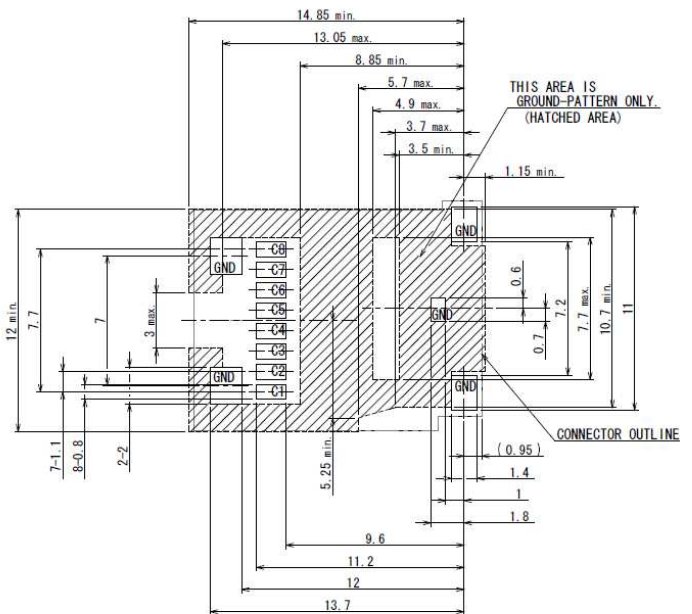
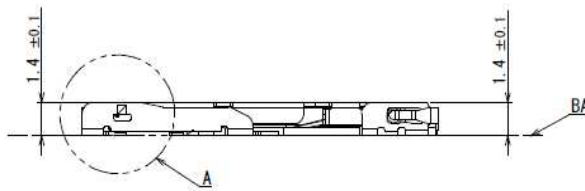
TABLE 2 Circuit



Part Number	SJ Drawing
ST1W008S4G	SJ109285

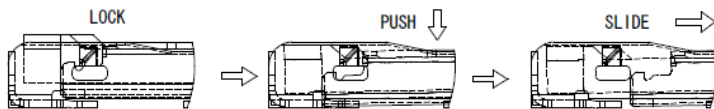


Unit: mm



Applicable board dimensions

(for reference)



DETAIL A
SCALE (10 : 1)

Note 3: An embossed tape reel contains 2,000 pcs.

Please contact us for details on embossed tape specifications.

Japan Aviation Electronics Industry, Limited

Product Marketing Division
Aobadai Building, 3-1-19, Aobadai, Meguro-ku, Tokyo 153-8539
Phone: +81-3-3780-2787 FAX: +81-3-3780-2946

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.