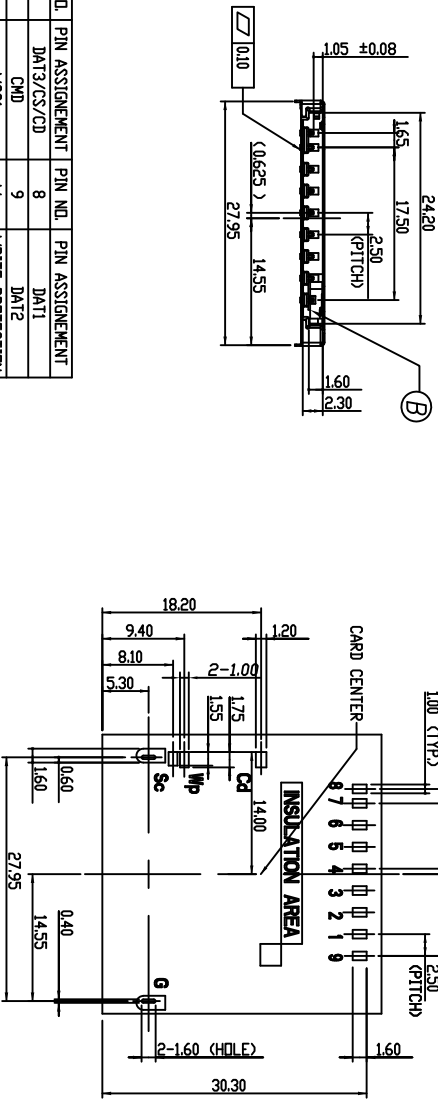
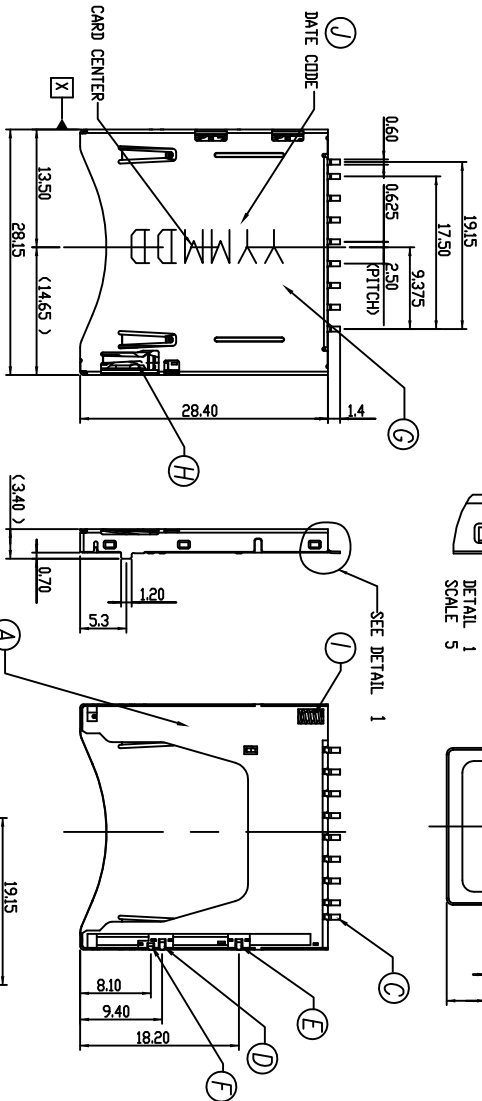
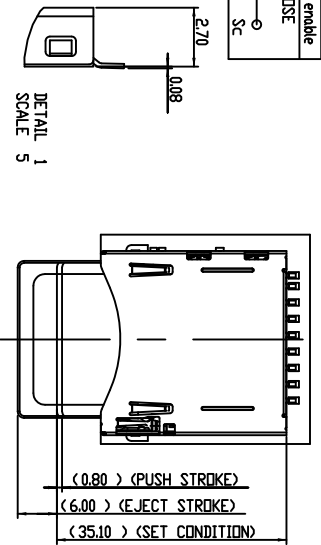


Card detection switch		Write protection switch		When card is inserted	
When card is ejected	When card is inserted	When card is ejected	Write protect	Write enable	
OPEN	CLOSE	OPEN	OPEN	CLOSE	
CD	SC	WP	SC	WP	SC



PIN NO.	PIN ASSIGNMENT	PIN NO.	PIN ASSIGNMENT
1	DATA3/CS/CD	8	DATA1
2	CHD	9	WRITE PROTECTION
3	VSSI	WP	CARD DETECTION
4	VDD	CD	COMMON PIN
5	CLK	SC	COMMON PIN
6	VSS2	G	SDIO / GROUND
7	DATA0		

SPECIFICATIONS:

- ELECTRICAL CHARACTERISTICS:**
 - CURRENT RATING: 0.5A MAX.
 - VOLTAGE RATING: 100V AC.
 - CONTACT RESISTANCE: INITIAL 80mΩ MAX.
 - INSULATION RESISTANCE: 1000MΩ MIN. @ 500V DC.
 - DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR 1 MINUTE.
- MECHANICAL CHARACTERISTICS:**
 - INSERTION FORCE: 9.8N MAX.
 - WITHDRAWAL FORCE: 3N~6N.
- LIFE TEST:** 10,000 CYCLES.
- OPERATING TEMPERATURE:** -40°C TO +85°C.
- OTHER GENERAL SPEC. TO REFER "2SD1509 SERIES SPEC".**
- TO CONFORM TO THE SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.**
- HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:**
- PACKAGE:** SEE "2SD1509 SERIES" PACKAGE.
- FOR REFLOW SOLDERING LEAD-FREE PROCESS.**

PART NO.

2SD1509-000111F

- SUFFIX: HALOGEN FREE
- PACKAGE
- 1: TAPE & REEL
- HOUSING COLOR
- 1: BLACK
- CONTACT PLATING
- 1: GOLD FLASH

NO.	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
J	INK	1	PIANO WIRE	BLACK
I	SPRING	1	STAINLESS STEEL	NICKEL PLATED
H	DRAG LINK	1	STAINLESS STEEL	
G	SHELL	1	PHOSPHOR BRONZE	GOLD FLASH
F	COMMON PIN	1	PHOSPHOR BRONZE	GOLD FLASH
E	CD PIN	1	PHOSPHOR BRONZE	GOLD FLASH
D	WP PIN	1	PHOSPHOR BRONZE	GOLD FLASH
C	CONTACT	9	PHOSPHOR BRONZE	GOLD FLASH
B	SLIDER	1	LCP UL94V-0	BLACK
A	BODY	1	LCP UL94V-0	BLACK

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS: ANGLES: X :±0.5 X :±2° X.X :±0.3 X.X :±1' X.XX :±0.2

TITLE	SD CARD READER, PUSH-PUSH TYPE
DWN	REV. 2015.06.25 PART NO. 2SD1509-000111F
CHKD	REV. 2015.06.25 SCALE 1:1 UNIT: mm
APVD	REV. 2015.06.25 SIZE: A3 SHEET: 1 OF 1 REV: B

Singatron Enterprise Co., Ltd.
信音企業股份有限公司

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REV/ECN NO	OR DESCRIPTION	REVISED	DATE
A	PDR RELEASE	IV-C	2011.03.25
B	ECN NO: L150081	IV-C	2015.06.25