

SD CARD PIN DESIGN

Pin No.	Name	Description
1#	CD/DAT3	Card detect/Data I/O
2#	CMD	Command
3#	VSS1	Ground
4#	VDD	Power
5#	CLK	Clock
6#	VSS2	Ground
7#	DAT0	Data I/O
8#	DAT1	Data I/O
9#	DAT2	Data I/O

Pin No.	Name	Description
10#	Card Detect	
11#	Write Protect	
12#	Ground(Shell)	
13#	Shell	SUS304
14#	HSG	LCP
15#	Coil Spring	SUS
16#	Slider	NY9T+GF
17#	Slider Lock Pin	SUS
18#	Half Lock	SUS

NOTES:

1.MATERIAL

HOUSING: HIGH TEMPERATURE THERMOPLASTIC
CONTACT: COPPER ALLOY.

SHELL: SUS

2.PLATING

CONTACT AREA: GOLD PLATED OVER Ni.

SOLDER TAIL: 100 u" MIN Sn/Pb PLATED OVER Ni.

SHELL SOLDER AREA: GOLD PLATED

3.RATING

CURRENT RATING: 0.5A

VOLTAGE RATING: 250VRMS

OPERATING TEMPERATURE:-25°C~90°C

4.SPECIFICATION

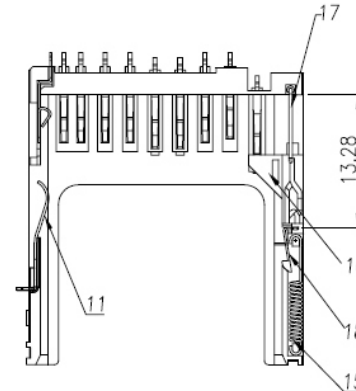
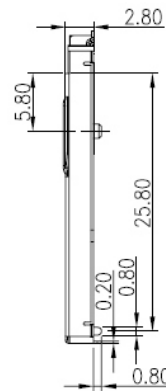
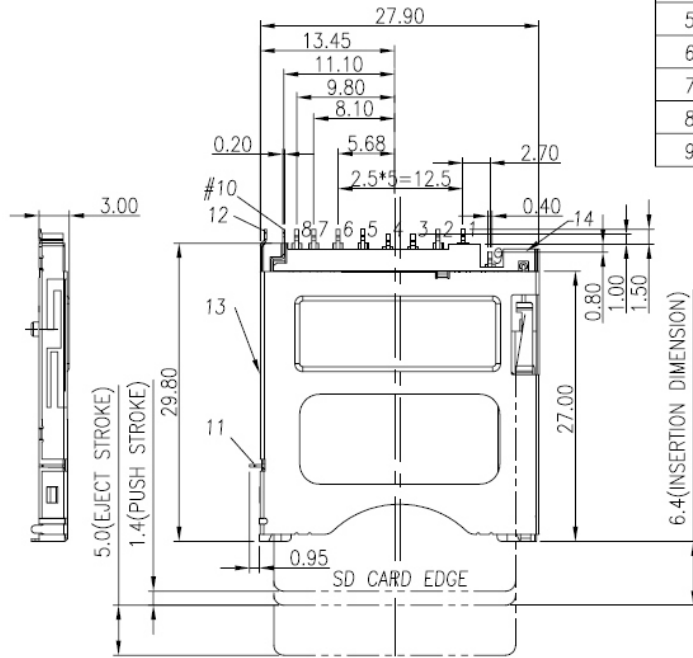
CONTACT RESISTANCE: 40 Milliohms

DIELECTRIC WITHSTANDING VOLTAGE: 500VAC

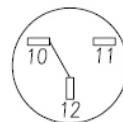
INSULATION RESISTANCE: 100 Megohms

INSERTION FORCE: 40N MAX.

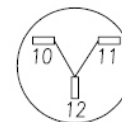
SEPARATION FORCE: 2N MIN.



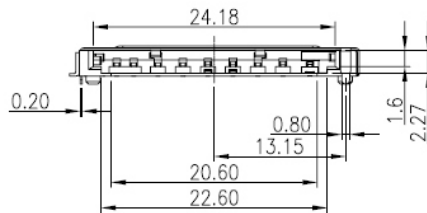
WITHOUT CARD



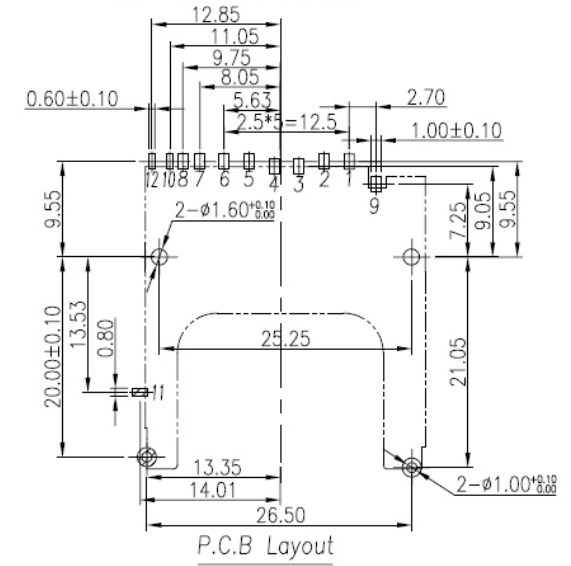
CARD INSERTED
WRITE PROTCT:LOCK



CARD INSERTED
WRITE PROTECT:UNLOCK



10--CARD DETECT PIN
11--WRITE PROTECT PIN
12--GROUND(SHELL)--COMMON PIN



P.C.B Layout

PART NO. SDC-W25P-09

DWG NO. SDC-W25P-09

FILE NO.

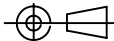
UNIT / mm

SCALE 1:1

CHECKED BY CY

DRAWING BY

PROJECTION



TOLERANCES ARE

.X±0.2

.XX±

.XXX±

AWG

DESCRIPTION:

SECURE DIGITAL MEMORY CARD
CONNECTOR PUSH-PUSH TYPE

AREA

REVISIONS

HK

DATE