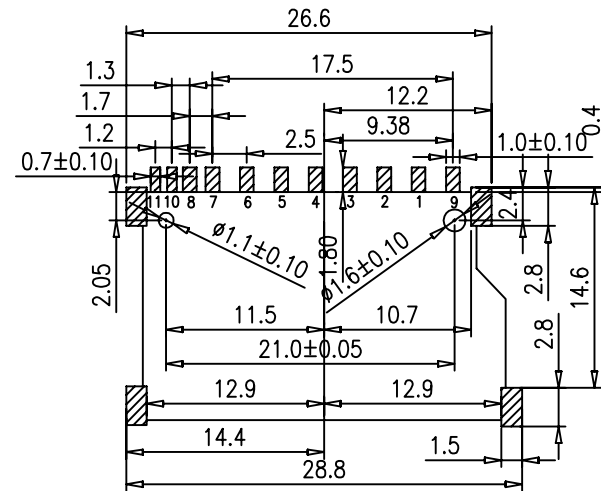
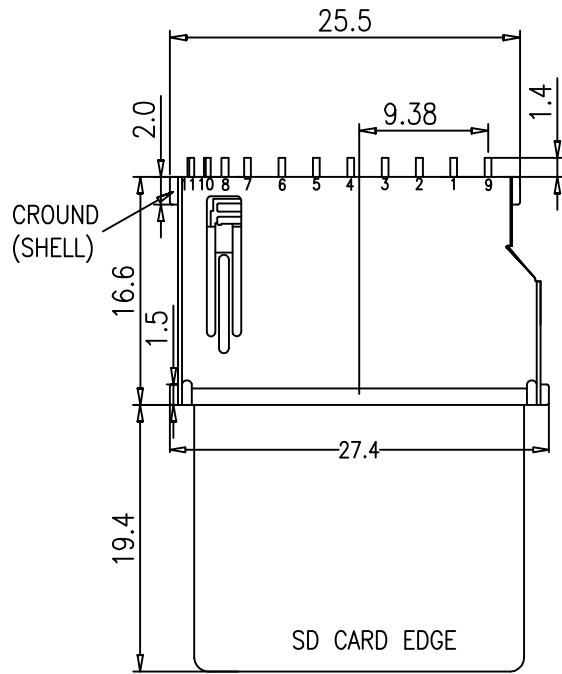


REV.	DATE	ECN NO.	MODIFICATION	APPROVER
A	2012/03/09	/	NEW	Vicky



P.C.B Layout

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

1.MATERIAL

1.1Housing:High Temperature Thermoplastic

1.2Contact:Copper Alloy

1.3Shell: Copper Alloy

2.PLATING

2.1Contact Area:Gold Plated Over Ni

2.2Solder Tail: Sn Plated Over Ni

Spec See Ordering Information

2.3Shell Solder Area:Plated Over Ni

3.SPECIFICATION

3.11Insertion force :9.80N MAX

3.2Extraction force:1.47N MIN

3.3Insulation resistance:1000MΩ

3.4Contact resistance:40mΩ MAX

3.5Dielectric Withstanding Voltage:500VAC

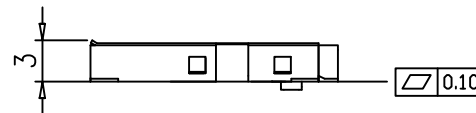
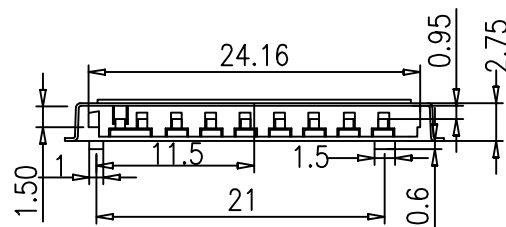
3.6Mating cycle:10000 cycles

4.RATING

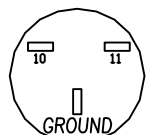
4.1Current Rating:0.5A

4.2Voltage Rating:200V

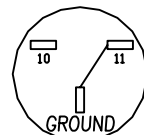
4.3Operating Temperature:-20°C~90°C



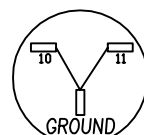
10-CARD DETECT PIN
11-WRITE PROTECT PIN
CROVND(SHELL)-COMMON PIN



WITHOUT CARD



CARD INSERTED
WRITE PROTCT:LOCK



CARD INSERTED
WRITE PROTECT:UNLOCK



Seconn International Enterprise Co., Ltd.

TOLERANCES			PROJECTION	TITLE			
x. = ± 0.38 x.x = ± 0.25 x.xx = ± 0.20 x.xxx = ± 0.15 Angle ± 1.0°				SD Card Connector Short Type			
			UNIT				
			mm				
DRAWN	Deng	DATE	2012/03/09	PART NO.	SD-S04C-08300		
SCALE	1:1	SIZE	A4	SHEET	1/1	REV	A