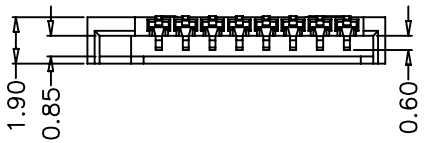
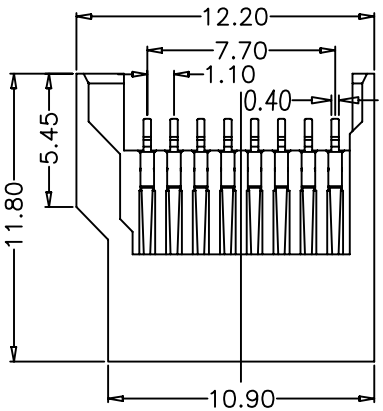
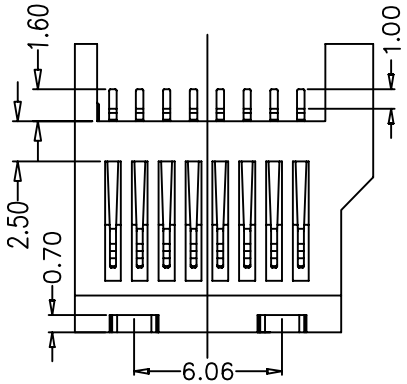
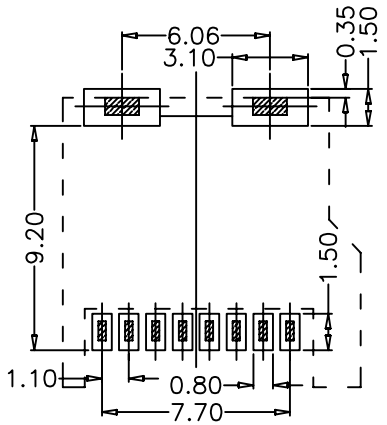
REV.	DATE	ECN NO.	MODIFICATION	APPROVER
A	2014/03/20	/	NEW	Vicky

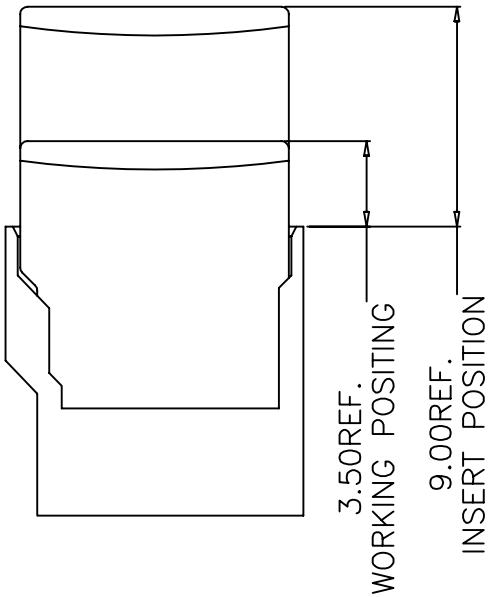








RECOMMENDED P.C.B HOLE LAYOUT
COMPONENT SIDE VIEW(TOLERANCE: +/−0.05)



Remarks:
1.Material:
1.1 Housing: LCP UL94V−0
1.2 Terminal: phosphor bronze C5191
1.3 Grounding strip: phosphor bronze C5191
2.Main Performance:
2.1 Rating voltage: 2V~3.6V
2.2 Contact resistance: 100mΩ MAX
2.3 Insulation resistance: 100MΩ MIN 500V DC
2.4 Voltage withstanding test: 200V
3.Mechanical performance
3.1 Mating force:4.0Kgf MAX
3.2 Un−mating force:0.1Kgf MIN
3.3 Life:5000 cycles
4.Environmental performance
4.1 Solderability: temperature230±5℃, time30~60s
temperature260±5℃, time10s
4.2 Operating environment:
temperature: −20℃~+85℃

Pin No.	NAME	TYPE	DESCRIPTION
1	DAT 2	I/O/PP	Date Line(bit2)
2	CD/DAT 3	I/O/PP	Card Detect/Date Line(bit3)
3	CMD	PP	Command Response
4	VDD	S	Supply Voltage
5	CLK	I	Colck
6	VSS	S	Supply Voltage Ground
7	DAT0	I/O/PP	Date Line(bit0)
8	DAT1	I/O/PP	Date Line(bit1)

GENERAL TOLERANCE			
SELECT	✓		
TOL. ON:	1	2	3
X.XXX	±0.15	±0.05	±0.15
X.XX	±0.20	±0.13	±0.25
X.X	±0.25	±0.25	±0.50
X.	±0.38	±0.38	±1.00
ANGLE	±2°		

UNITS mm
MAT'L
FINISH
Q'TY

NAME: 卡座
PART NO: MR07C−06200
APPD: Vicky
CHKD: Emilia
DR: deng

ATOM® 深圳市爱特姆科技有限公司 SHENZHEN ATOM TECHNOLOGY CO.,LTD.
TITLE: MICRO SD CARD 简易型全塑
DWG NO. ATOM−A02096

SCALE	SHEET	REV
1:1	1/1	A