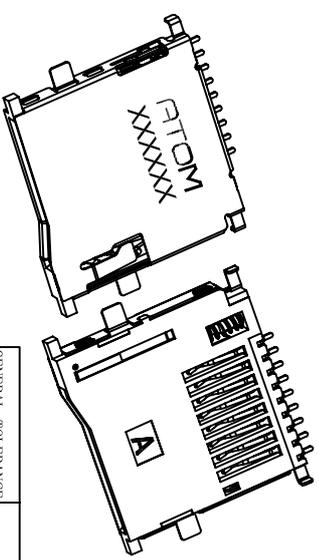
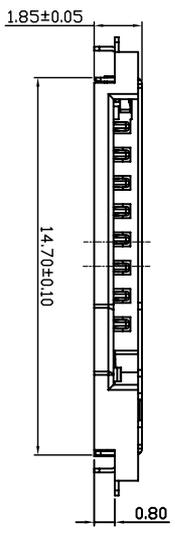
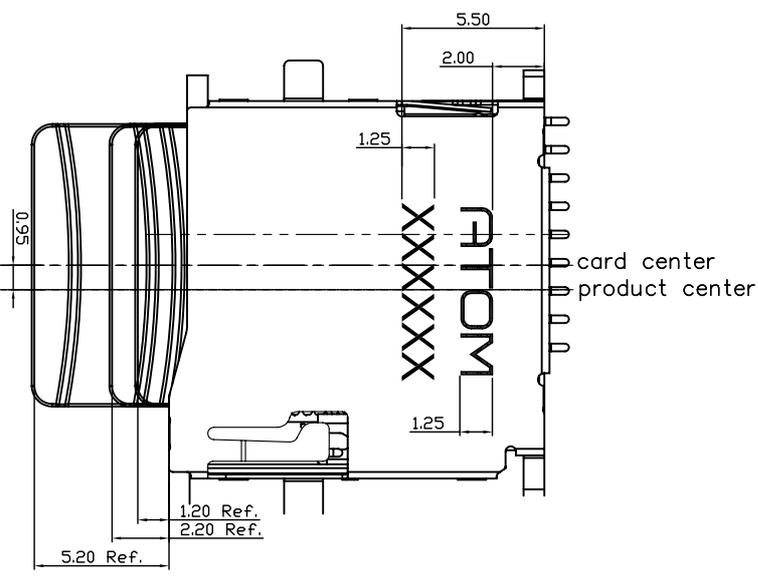
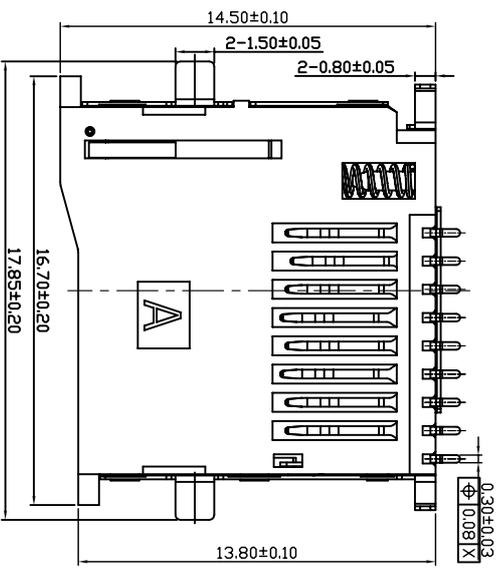
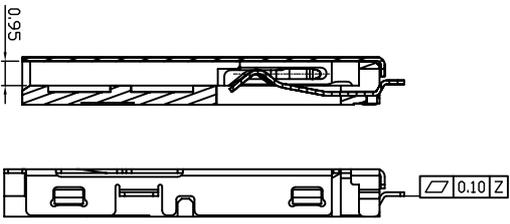
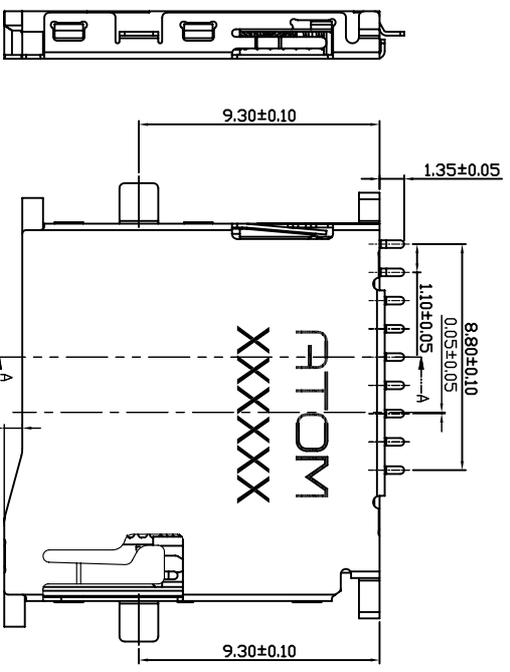
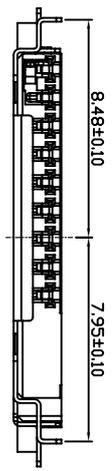


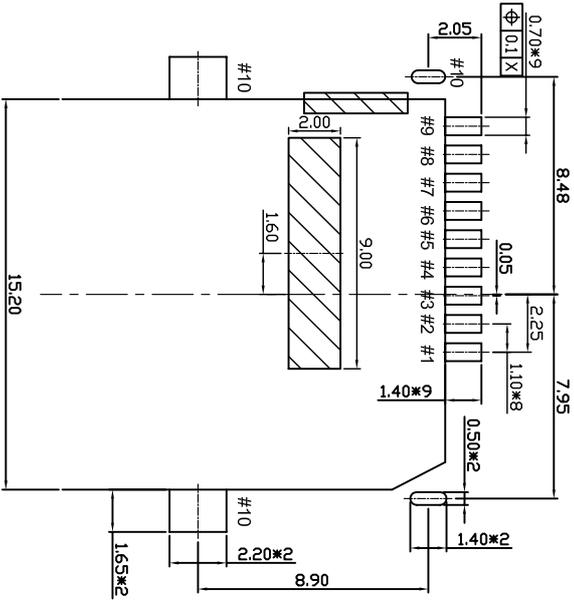
ACAD GENERATED DRAWING. DON'T CHANGE BY HAND



REV	DATE	ECN NO.	MODIFICATION	APPROVER
A	2013/04/08		NEW	Jason

GENERAL TOLERANCE		UNITS	NAME:	深圳市爱特姆科技有限公司 SHENZHEN ATOM TECHNOLOGY CO., LTD.
SELECT	TOL	mm	Micro sd push conn.	
	1	2	PART NO:	TITLE:
DN	1	3	MR09A-04***	Micro sd push conn. 规格0.8
XXX	±0.10	±0.15	APPD:	DWG NO.
XXX	±0.15	±0.25	Peter	ATOM-A01451
XXX	±0.25	±0.5	CHKD:	SCALE
XX	±0.25	±0.5	Jason	1:1
X	±0.30	±1.00	DR:	SHEET
ANGLE	±2°		xh	1/2
				REV
				A

REV	DATE	ECN NO.	MODIFICATION	APPROVER
A	2013/04/08		NEW	Jason



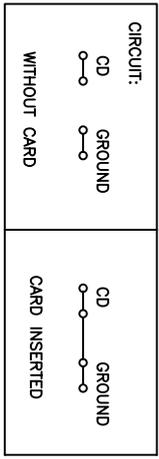
RECOMMENDED PCB LAYOUT  
(ALL TOLERANCE ARE ±0.05)

: PROHIBITION AREA

Pin No.	MICRO SD
PIN1	DATA2 1P
PIN2	CD/DAT3 2P
PIN3	CMD 3P
PIN4	VDD 4P
PIN5	CLK 5P
PIN6	VSS 6P
PIN7	DAT0 7P
PIN8	DAT1 8P
PIN9	CARD DETECT
PIN10	GROUND

**SPECIFICATION**

- Material:  
housing: LCP, UL94V-0,color:black.  
orbit: PA46, UL94V-0,color:black.  
Contacts: Phosphor Bronze,  
Tin 160u" at Solder Tail,  
Selected Gold on Contact Area Plating.  
Shell: Stainless. Pickling.
- Electrical Characteristics:  
Operating voltage : 10V AC(rms)/DC.  
Current rating : 0.5 A.  
Operating Temperature: -25°C~+85°C.  
Insulation resistance: 1000M ohms min. at 250VDC  
Dielectric withstanding voltage:500 VAC/1minute.  
Contact resistance: 100m ohms max.
- Mechanical characteristics  
3.1 Mating durability:10000 cycles.  
3.2 Insertion force: 30N Max.  
3.3 Extraction force: 1~30N  
3.4 Mating cycle: 10000 cycles at the speed rate of 400-600 cycles/h; Without distortion of plastic and serious wear and tear in terminal, No signal break.



GENERAL TOLERANCE		UNITS	mm	NAME:	Micro sd push conn.	TITLE:		Micro sd push conn. 规格:08
SELECT	TOL	1	2	3	PART NO:	MR09A-04**	DWG NO.	ATDM-A01451
DN	XXX	±0.05	±0.05	±0.05	APPD:	Peter	SCALE	1:1
XXX	XXX	±0.15	±0.15	±0.15	CHKD:	Jason	SHEET	2/2
XXX	XXX	±0.25	±0.25	±0.25	DR:	xh	REV	A
ANGLE	45°							

**ATOM** 深圳市爱特姆科技有限公司  
SHENZHEN ATOM TECHNOLOGY CO., LTD.

