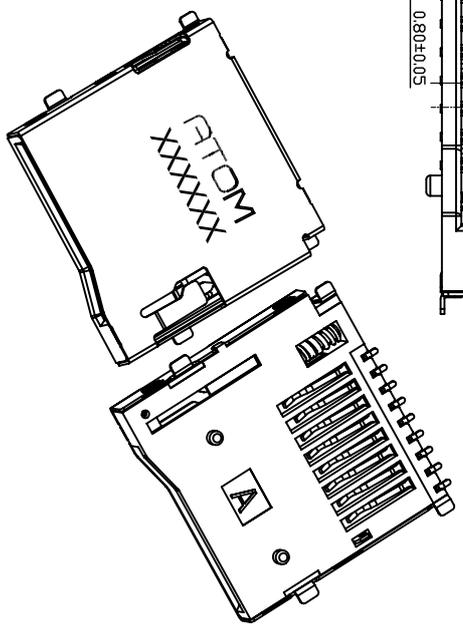
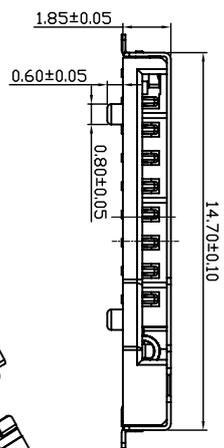
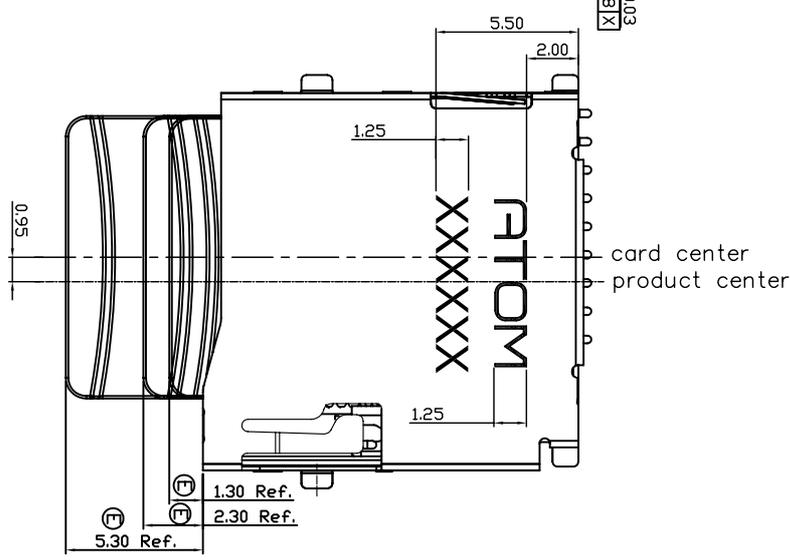
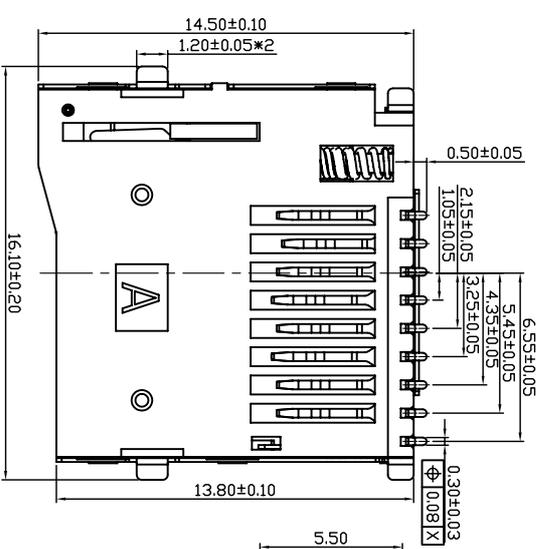
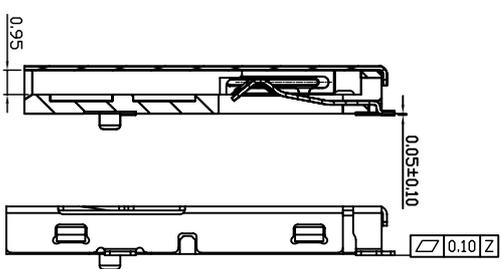
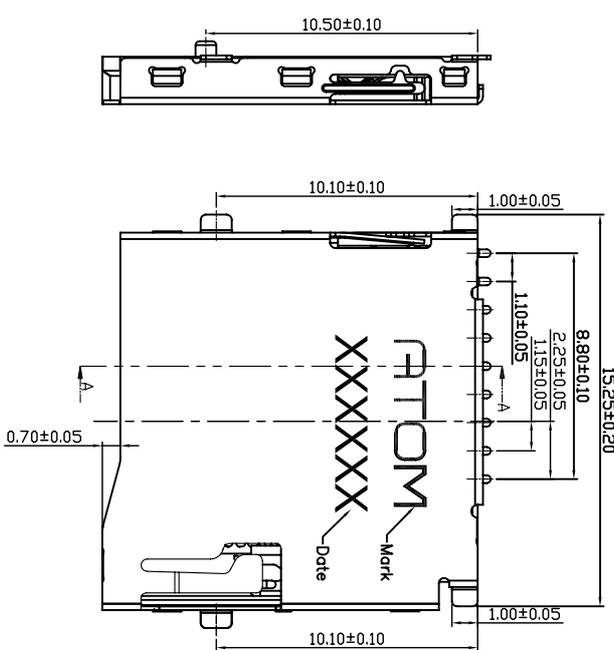
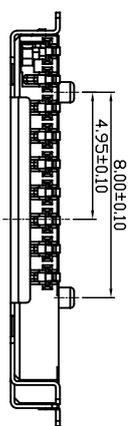
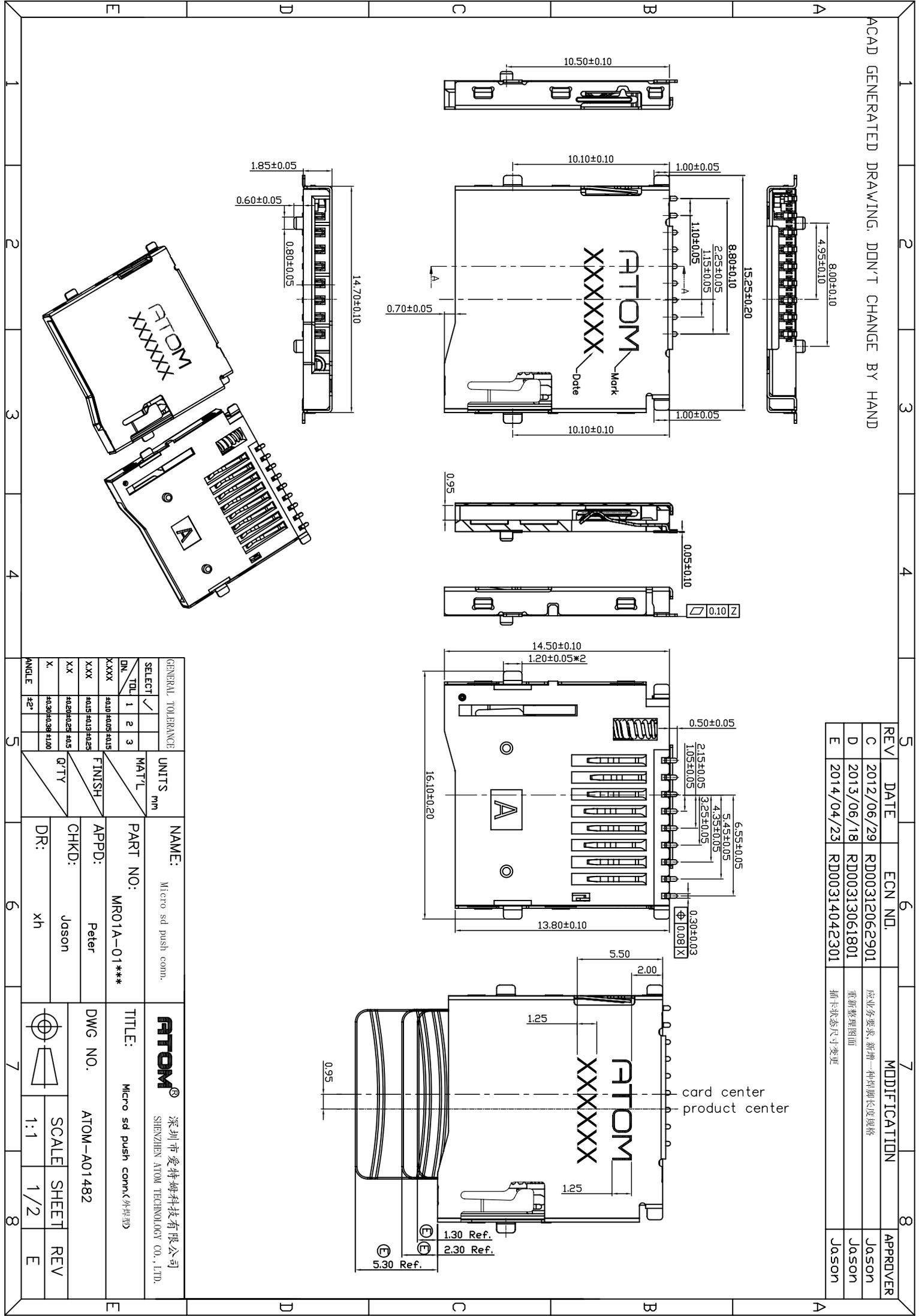


ACAD GENERATED DRAWING. DON'T CHANGE BY HAND

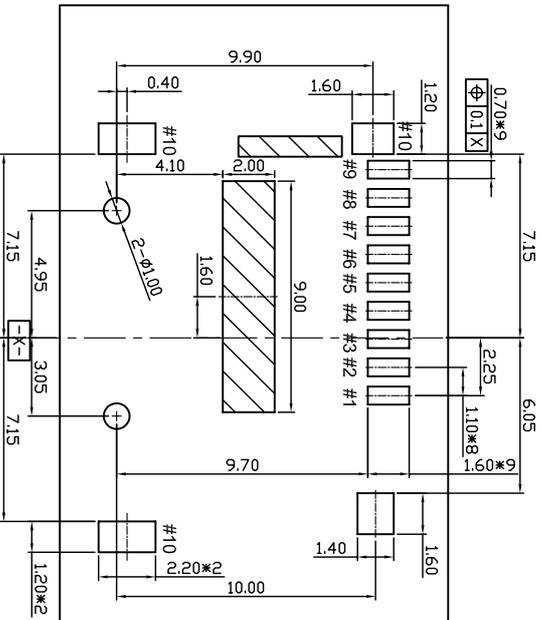
REV	DATE	ECN NO.	MODIFICATION	APPROVER
C	2012/06/29	RD00312062901	应客户要求,新增一种焊脚长度规格	Jason
D	2013/06/18	RD00313061801	重新整理图面	Jason
E	2014/04/23	RD00314042301	插卡状态尺寸变更	Jason



GENERAL TOLERANCE			UNITS mm		NAME: Micro sd push com.		TITLE: Micro sd push com.(外形型)	
SELECT	TOL	1	2	3	PART NO:	MR01A-01****	DWG NO.	ATOM-A01482
DN.	XXX	±0.10	±0.05	±0.15	APPD:	Peter	SCALE	1:1
XXX	XXX	±0.15	±0.25	±0.5	CHKD:	Jason	SHEET	1/2
XX	XX	±0.25	±0.5		DR:	xh	REV	E
X	X	±0.38	±1.00					
ANGLE	±2°							

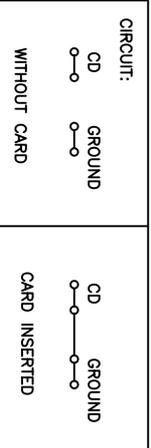


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RECOMMENDED PCB LAYOUT
(ALL TOLERANCE ARE ±0.05)

: PROHIBITION AREA



Pin No.	MICRO SD
PIN1	DATA2 1P
PIN2	CD/DATA3 2P
PIN3	CMD 3P
PIN4	VDD 4P
PIN5	CLK 5P
PIN6	VSS 6P
PIN7	DATA0 7P
PIN8	DATA1 8P
PIN9	CARD DETECT
PIN10	GROUND

SPECIFICATION

1. Material: LCP, UL94V-0, color: black.
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

2. 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.

3. 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(外型图)	
SELECT	✓	MAT'L		PART NO:	MR01A-01***	DWG NO.	ATOM-A01482
DN	1 2 3	FINISH		APPD:	Peter	SCALE	SHEET
XXXX	±0.0 ±0.05 ±0.15	G'TY		CHKD:	Jason	1:1	2/2
XX	±0.05 ±0.25 ±0.5			DR:	xh		REV
X	±0.05 ±0.08 ±0.10			ANGLE	±2°		E



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SHENZHEN ATOM TECHNOLOGY CO., LTD.



1 2 3 4 5 6 7 8

A B C D E

