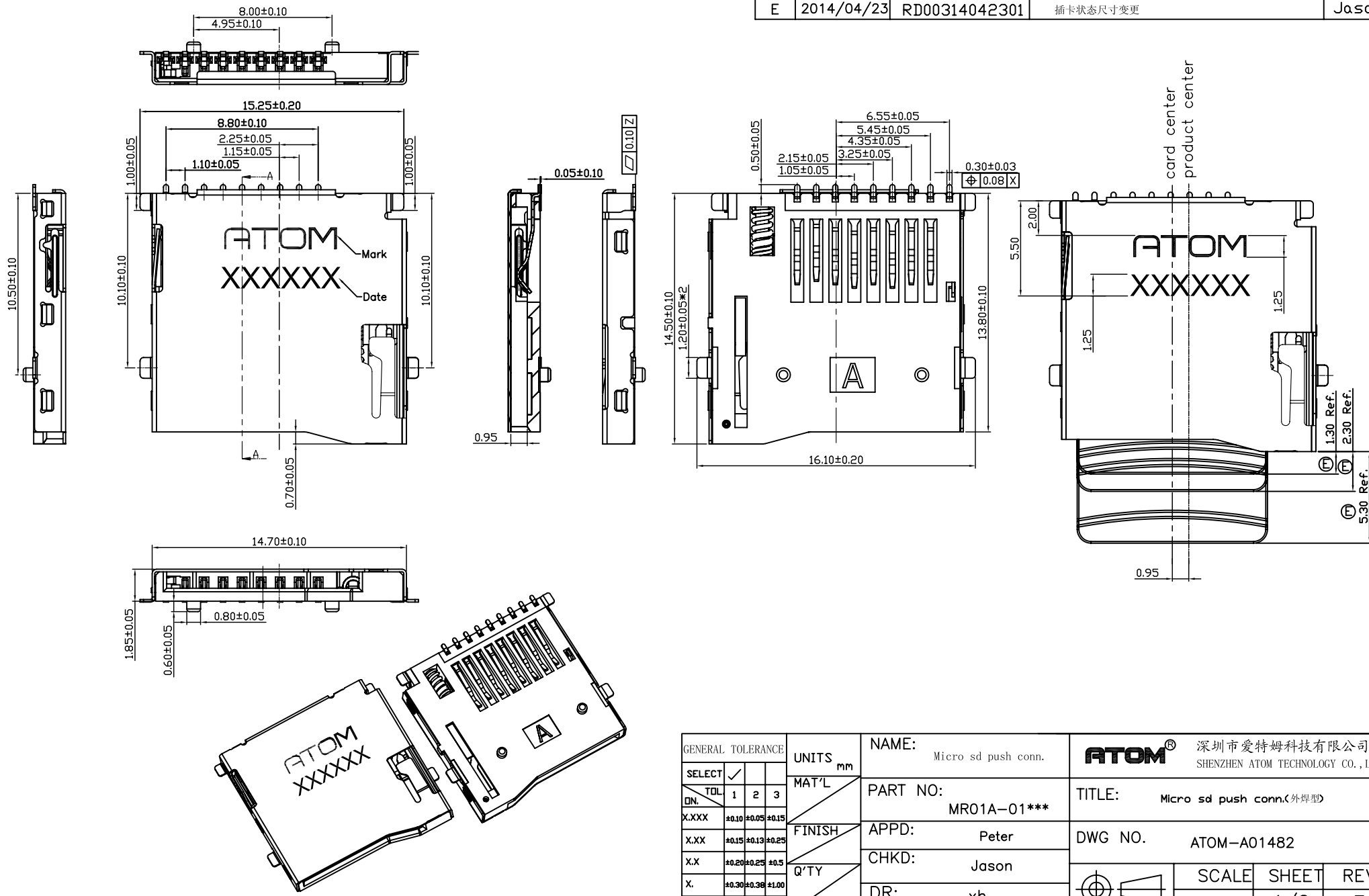


ACAD GENERATED DRAWING. DON'T CHANGE BY HAND

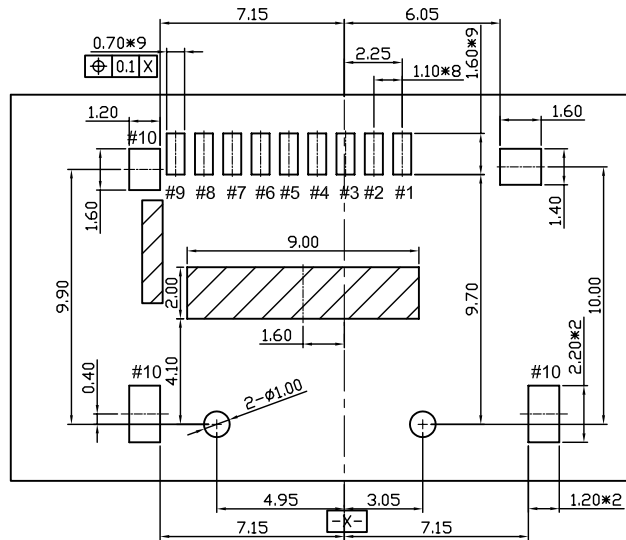
REV	DATE	ECN NO.	MODIFICATION	APPROVER
C	2012/06/29	RD00312062901	应业务要求, 新增一种焊脚长度规格	Jason
D	2013/06/18	RD00313061801	重新整理图面	Jason
E	2014/04/23	RD00314042301	插卡状态尺寸变更	Jason



GENERAL TOLERANCE		UNITS	NAME:	ATOM® 深圳市爱特姆科技有限公司 SHENZHEN ATOM TECHNOLOGY CO., LTD.		
SELECT	✓	mm	PART NO:	TITLE: Micro sd push conn.(外焊型)		
DN.	TOL	MAT'L	MR01A-01***	APPD:	Peter	DWG NO. ATOM-A01482
X.XXX	±0.10 ±0.05 ±0.15	FINISH	CHKD:	Jason	DR:	xh
X.XX	±0.15 ±0.13 ±0.25	Q'TY				
X.X	±0.20 ±0.25 ±0.5					
X.	±0.30 ±0.38 ±1.00					
ANGLE	±2°					

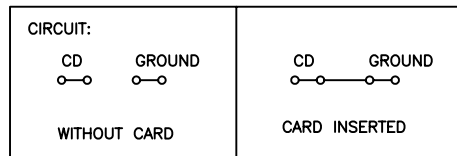
	SCALE	SHEET	REV
	1:1	1/2	E

ACAD GENERATED DRAWING. DON'T CHANGE BY HAND



RECOMMENDED PCB LAYOUT
(ALL TOLERANCE ARE ±0.05)

 :PROHIBITION AREA



Pin No.	MICRO SD
PIN1	DAT2 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

1.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

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	NAME:		ATOM [®] 深圳市爱特姆科技有限公司	
SELECT	✓			mm	Micro sd push conn.		SHENZHEN ATOM TECHNOLOGY CO.,LTD.	
TOL	1	2	3	MAT'L	PART NO:		TITLE:	
DN.					MR01A-01***		Micro sd push conn.(外埋型)	
X.XXX	±0.10	±0.05	±0.15	FINISH	APPD: Peter		DWG NO. ATOM-A01482	
X.XX	±0.15	±0.13	±0.25	Q'TY	CHKD: Jason		SCALE SHEET REV	
X.X	±0.20	±0.25	±0.5		DR: xh		1:1 2/2 E	
X.	±0.30	±0.38	±1.00					
ANGLE	±2°							