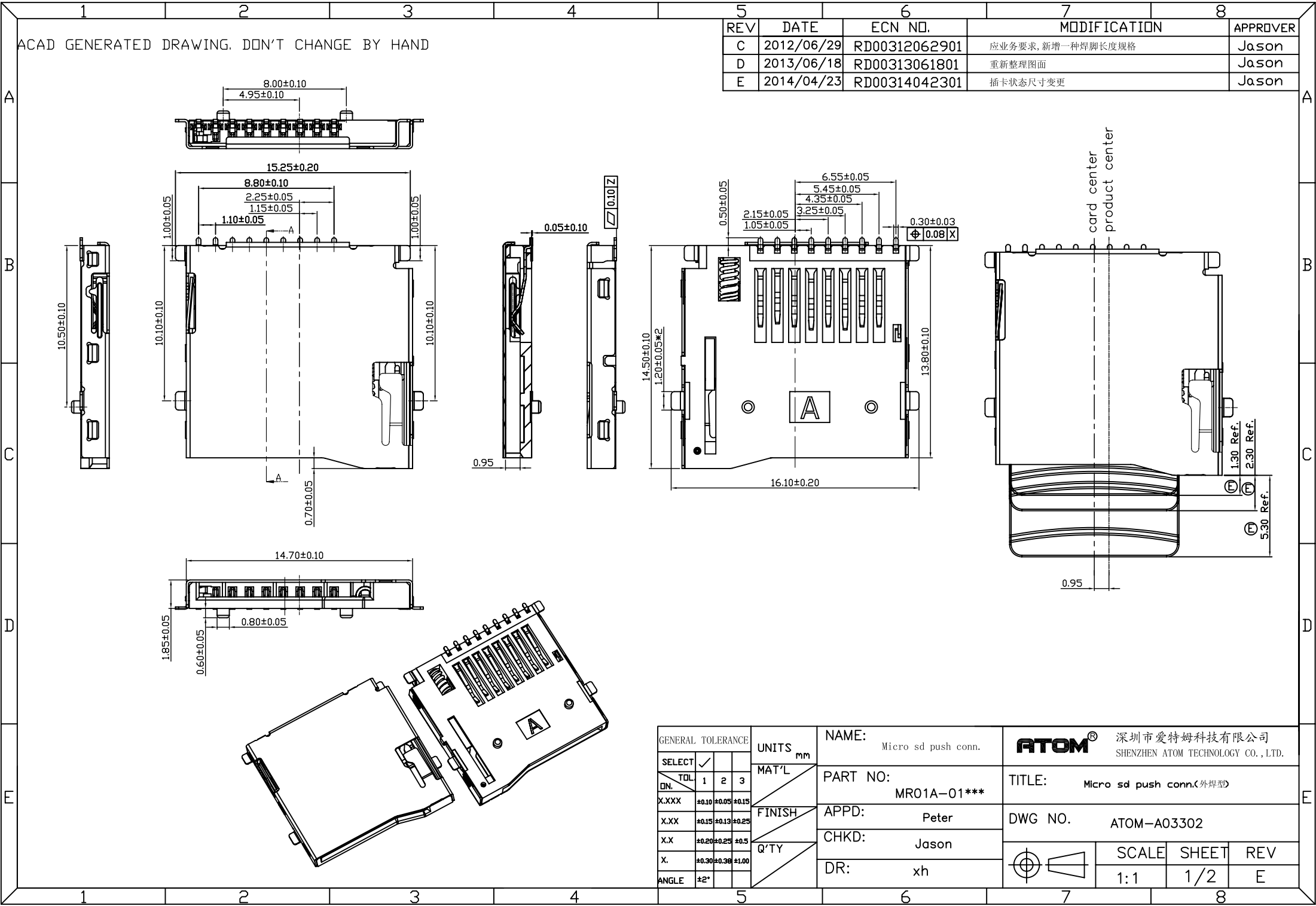
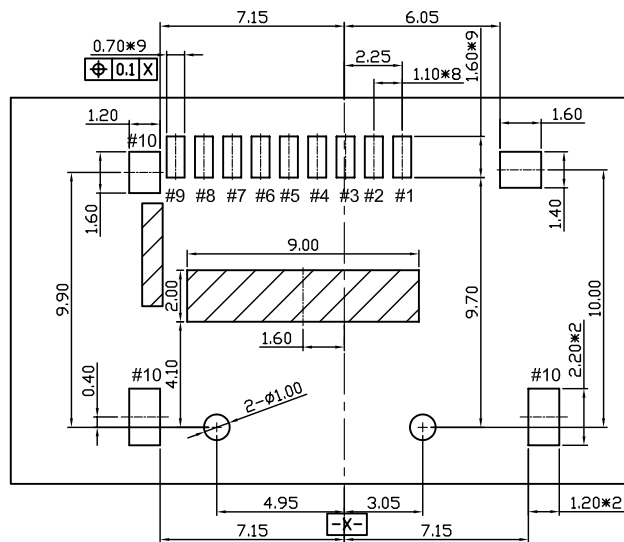


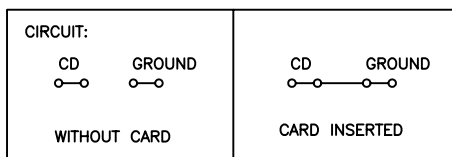


ACAD GENERATED DRAWING. DON'T CHANGE BY HAND



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: $-25^{\circ}\text{C}\sim+85^{\circ}\text{C}$.
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.		ATOM [®] 深圳市爱特姆科技有限公司 SHENZHEN ATOM TECHNOLOGY CO.,LTD.			
SELECT	☒				MAT'L	PART NO: MR01A-01***		TITLE: Micro sd push conn.(外焊型)				
TOL	1	2	3	FINISH		APPD: Peter		DWG NO. ATOM-A03302				
DN.					Q'TY	CHKD: Jason			SCALE	SHEET	REV	
X.XXX	±0.10	±0.05	±0.15			DR: xh						
X.XX	±0.15	±0.13	±0.25									
X.X	±0.20	±0.25	±0.5									
X.	±0.30	±0.38	±1.00									
ANGLE	±2°											
5					6			7		8		