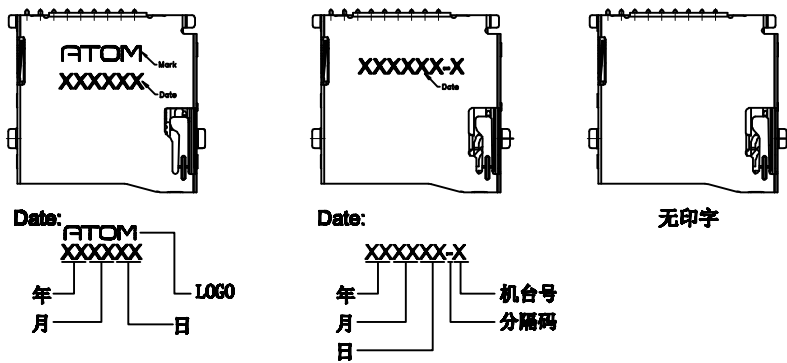
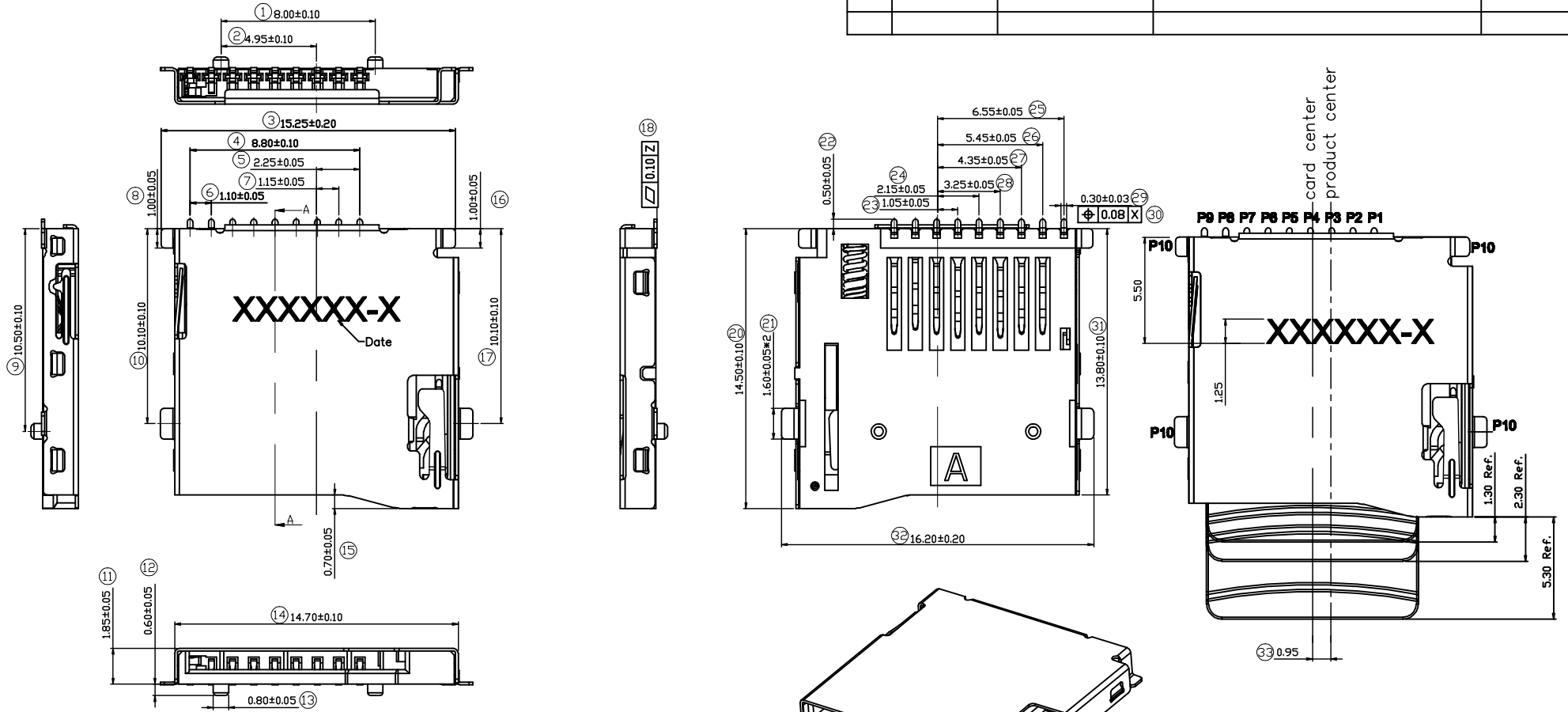


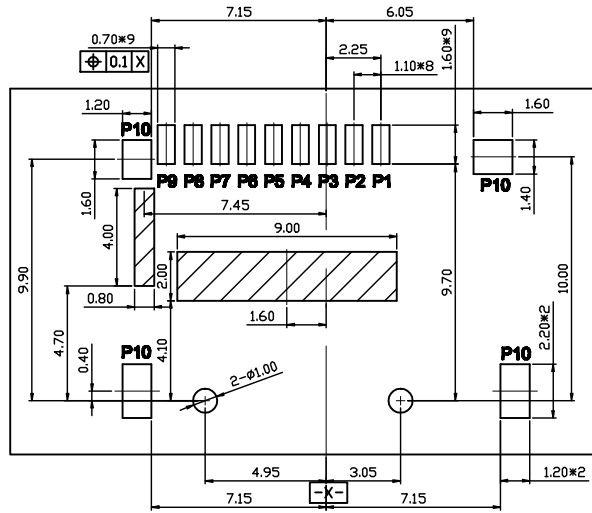
ACAD GENERATED DRAWING. DON'T CHANGE BY HAND

REV	DATE	ECN NO.	MODIFICATION	APPROVER
A0	2021/07/20		新增带锁规格	



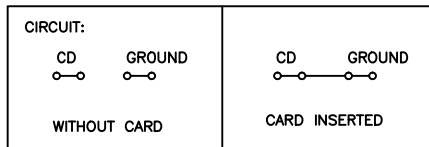
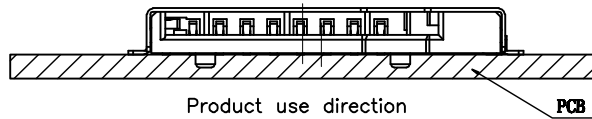
GENERAL TOLERANCE				UNITS	NAME:		ATOM® 深圳市爱特姆科技有限公司 SHENZHEN ATOM TECHNOLOGY CO., LTD.
SELECT	TOL	1	2	3	mm	Micro sd push conn.	
DN.					MAT'L	PART NO: MR01A-012XX	TITLE: Micro sd push conn.(外屏型) 带锁卡功能
X.XXX	±0.10	±0.05	±0.15		FINISH	APPD:	DWG NO. ATOM-A06107
X.XX	±0.15	±0.13	±0.25		Q'TY	CHKD:	SCALE SHEET REV
X.X	±0.20	±0.25	±0.5			DR: ming	1:1 1/2 A0
X.	±0.30	±0.38	±1.00				
ANGLE	±2°						

ACAD GENERATED DRAWING. DON'T CHANGE BY HAND



RECOMMENDED PCB LAYOUT
(ALL TOLERANCE ARE ±0.05)

:PROHIBITION AREA



Pin No.	MICRO SD
PIN1	DAT2
PIN2	CD/DAT3
PIN3	CMD
PIN4	VDD
PIN5	CLK
PIN6	VSS
PIN7	DAT0
PIN8	DAT1
PIN9	CARD DETECT
PIN10	GROUND

SPECIFICATION

1.Material:

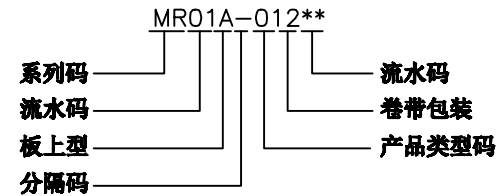
housing: LCP, UL94V-0,color:black.
orbit: PA46, UL94V-0,color:black.
Contacts: Phosphor Bronze,
Tin 160u" at Solder Tail,
Selected Gold on Contact Area Plating.
Shell: Stainless. Gold on Contact Area Plating.

2.Electrical Characteristics:

Operating voltage : 10V AC(rms)/DC.
Current rating : 0.5 A.
Operating Temperature: -40°C~+105°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 SHENZHEN ATOM TECHNOLOGY CO., LTD.
SELECT	TOL	1	2	3	mm	
DN.					MAT'L	PART NO: MRO1A-012XX
X.XXX	±0.10	±0.05	±0.15		FINISH	APPD:
X.XX	±0.15	±0.13	±0.25		Q'TY	CHKD:
X.X	±0.20	±0.25	±0.5			DR: ming
X.	±0.30	±0.38	±1.00			
ANGLE	±2°					
						TITLE: Micro sd push conn.(外外型) 带锁卡功能
						DWG NO. ATOM-A06107
						SCALE SHEET REV
						1:1 2/2 A0