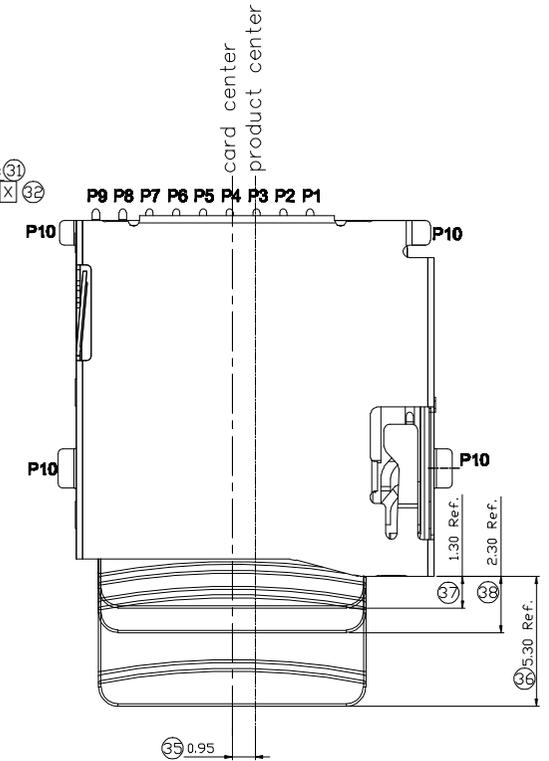
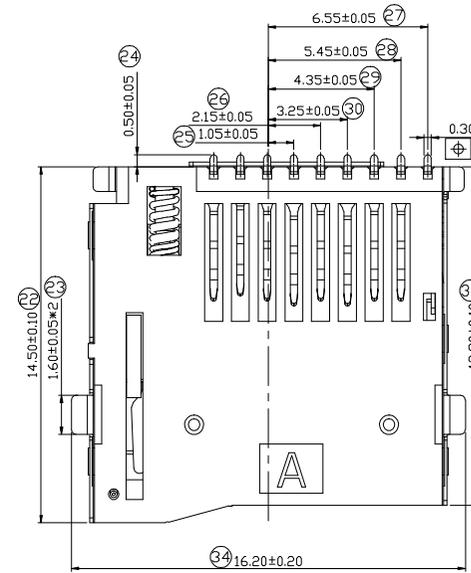
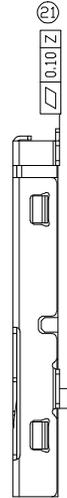
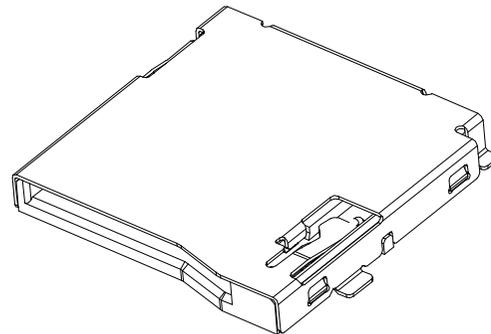
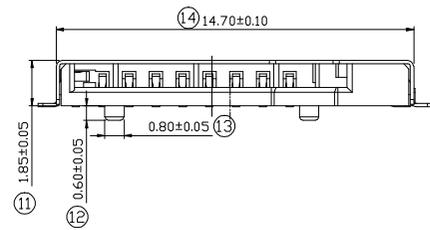
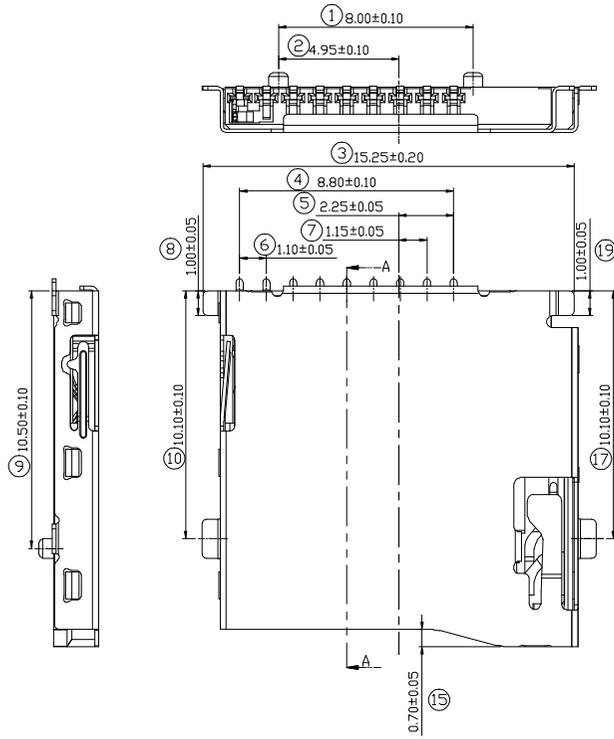


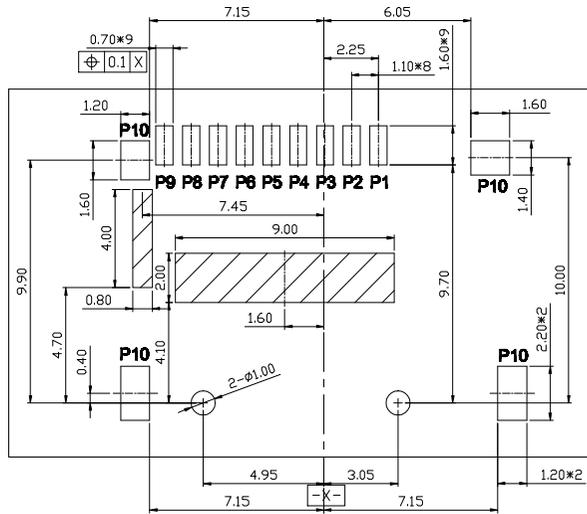
ACAD GENERATED DRAWING. DON'T CHANGE BY HAND

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



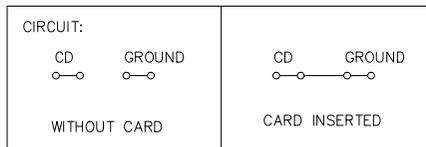
GENERAL TOLERANCE SELECT <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> DN. TOL 1 2 3 X.XXX ±0.10 ±0.05 ±0.15 X.XX ±0.15 ±0.13 ±0.25 X.X ±0.20 ±0.25 ±0.5 X. ±0.30 ±0.38 ±1.00 ANGLE ±2°	UNITS	NAME:	ATOM [®] 深圳市爱特姆科技有限公司 SHENZHEN ATOM TECHNOLOGY CO., LTD.			
	mm	PART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

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: High Temperature thermoplastic,UL94V-0 :black.
orbit:High Temperature thermoplastic,UL94V-0:black.
Contacts: Phosphor Bronze,
Gold/Tin at Solder Tail,
Selected Gold on Contact Area Plating.
Shell: Stainless. Pickling

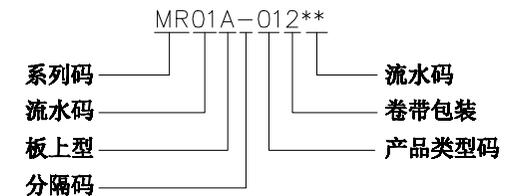
Lock card popup: Stainless. Pickling

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	✓		mm	Micro sd push conn.	PART NO:	TITLE: Micro sd push conn.(外弹型) 带锁卡功能	
TOL	1	2			MR01A-012XX	DWG NO. ATOM-A06107	
DN.					APPD:	SCALE SHEET REV	
X.XXX	±0.10	±0.05	±0.15		CHKD:	1:1	2/2
X.XX	±0.15	±0.13	±0.25		DR: Abel		AO
X.X	±0.20	±0.25	±0.5				
X.	±0.30	±0.38	±1.00				
ANGLE	±2°						