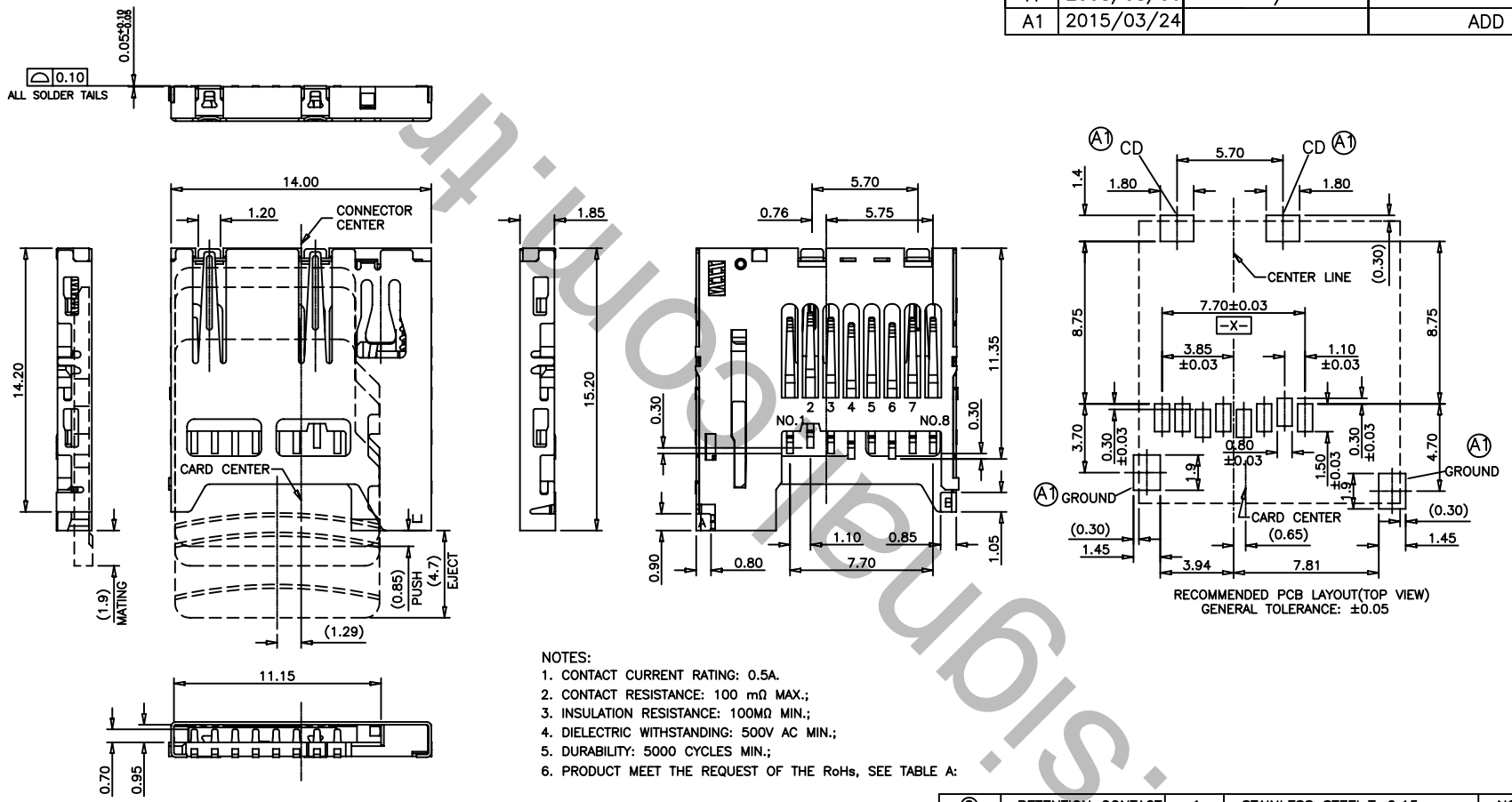
REV.	DATE	ECN NO.	MODIFICATION	APPROVER
A	2008/08/06	/	NEW	Vicky
A1	2015/03/24		ADD CIRCUIT NOTES	Jason



RECOMMENDED PCB LAYOUT(TOP VIEW)
GENERAL TOLERANCE: ±0.05

T-FLASH CARD
TOL:±0.10

NOTES:
1. CONTACT CURRENT RATING: 0.5A.
2. CONTACT RESISTANCE: 100 mΩ MAX.;
3. INSULATION RESISTANCE: 100MΩ MIN.;
4. DIELECTRIC WITHSTANDING: 500V AC MIN.;
5. DURABILITY: 5000 CYCLES MIN.;
6. PRODUCT MEET THE REQUEST OF THE RoHs, SEE TABLE A:

PIN NO.	NAME	TYPE	DESCRIPTION
1	DAT2	I/O/PP	DATE LINE(BIT2)
2	CD/ DAT3	I/O/PP	CARD DETECT/DATE LINE(BIT3)
3	CMD	PP	COMMAND RESPONSE
4	VDD	S	SUPPLY VOLTAGE
5	CLK	I	COLCK
6	VSS	S	SUPPLY VOLTAGE GROUND
7	DAT0	I/O/PP	DATE LINE(BIT0)
8	DAT1	I/O/PP	DATE LINE(DIT1)

ITFM	PART NAMF	Q'TY	MATFRTAL	DFSCRIPTION	RFMARK
⑧	RETENTION CONTACT	1	STAINLESS STEEL,T=0.15mm	NO PLATED	
⑦	SPRING	1	STAINLESS STEEL,D=ø0.20mm	50u" Ni	
⑥	SLIDER	1	THERMOPLASTIC	BLACK COLOR,UL94V-0	
⑤	CAM ROD	1	STAINLESS STEEL,D=ø0.40mm	NO PLATED	
④	DATA CONTACT	8	COPPER ALLOY,T=0.15mm	15u" Au/50u" Ni/GOLD FLASH	
③	DETECTIVE CONTACT	1	COPPER ALLOY,T=0.15mm	GOLD FLASH/50u" Ni.	
②	SHELL	1	STAINLESS STEEL,T=0.15mm	GOLD FLASH/50u" Ni.	
①	HOUSING	1	THERMOPLASTIC	BLACK COLOR,UL94V-0	

CIRCUIT:

CD	GROUND	CD	GROUND
WITHOUT CARD		CARD INSERTED	

A1

GENERAL TOLERANCE			
SELECT	✓		
TOL. / ON.	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	±0.50
X.	±0.25	±0.38	±1.00
ANGLE	±3°		

UNITS mm
MAT'L
FINISH
Q'TY

NAME: 卡座
PART NO: MR04A-02201
APPD: Jason
CHKD: Vicky
DR: Hindy

ATOM® 深圳市爱特姆科技有限公司 SHENZHEN ATOM TECHNOLOGY CO., LTD.
TITLE: MICRO SD CARD PUSH-PUSH
DWG NO. ATOM-A00030

SCALE	SHEET	REV
1:1	1/1	A1

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