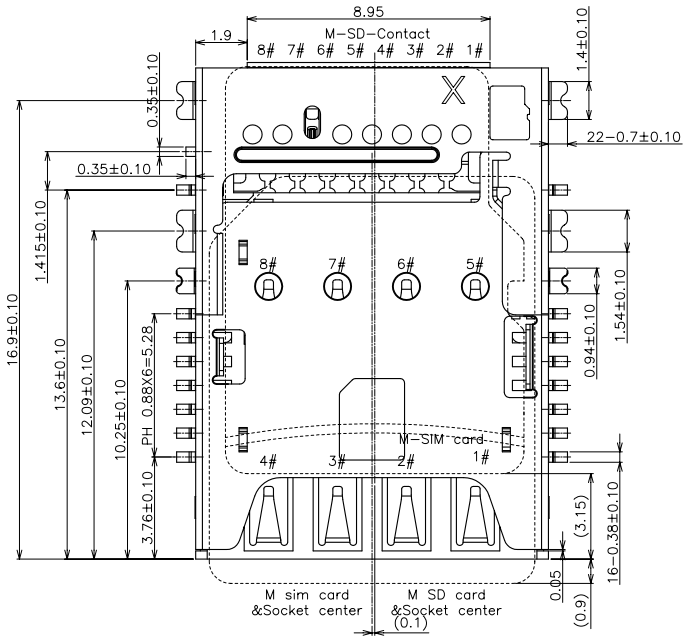
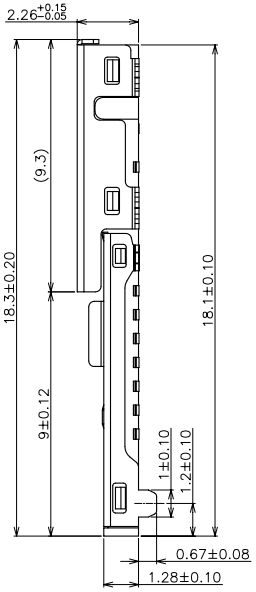
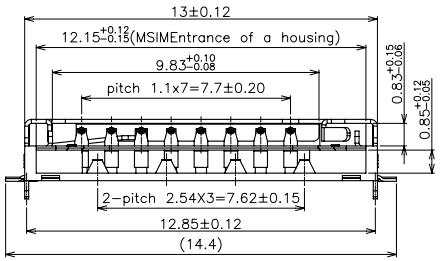
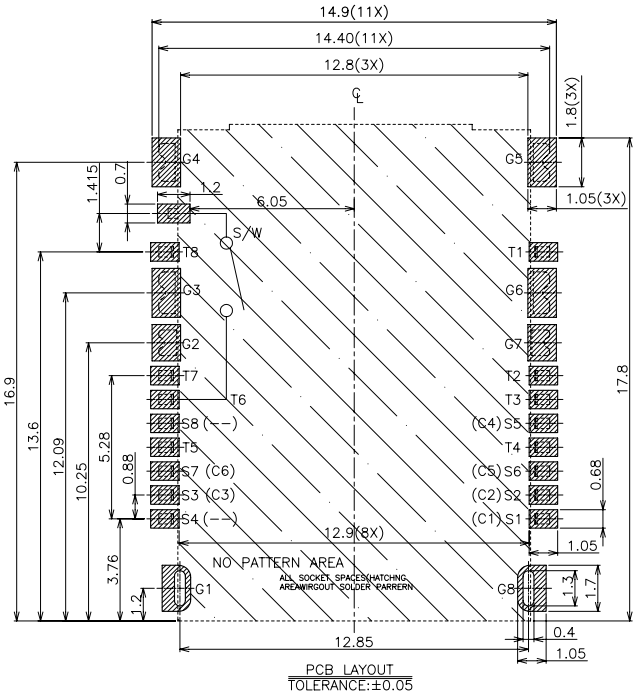
REV.	DATE	ECN NO.	MODIFICATION	APPROVER
A	2013/07/03	/	NEW	Vicky









PCB LAYOUT
TOLERANCE:±0.05

MICRO SIM CARD PIN-MAP

8P	6P	DESCRIPTION
S1	C1	VCC(Supply V)
S2	C2	RST(Reset)
S3	C3	CLK(Clock)
S4	--	Reserved
S5	C4	GND
S6	C5	VPP(Progrqm V)
S7	C6	I/O
S8	--	Reserved

G1~G8	GND

MICRO SD CARD PIN-MAP

PIN NO.	DESCRIPTION
T1	DAT2
T2	CD/DAT3²
T3	CMD
T4	VDD
T5	CLK
T6	Vss(GND)
T7	DATO
T8	DAT1

S/W	CARD DETECTOR

(Circuit diagram far Detectian SWITCH of MicroSD card)

Card insertion condition	Card detect switch	Circuit mSD #6pin Switch terminal
Without Card	Open	
Card insertion	Clode	

NOTES:

1.MATERIAL:
- 1.1 Housing: LCP UL94V-0
- 1.2 Terminal:Phosphor Bronze,nickel plated 50U", Au plated 1U".
- 1.3 Shell:
- 1.3.1 SIM CARD; SUS, nickel plated 50U",Au plated 1U" in soldering Contact,
- 1.3.2 SD CARD; SUS, nickel plated 50U",Au plated 1U" in soldering Contact,

2.SPECIALITY:
- 2.1 Rated Current:0.5A
- 2.2 Contact Resistance:50mΩ Max
- 2.3 Insulation Resistance:100MΩ Min 100V DC
- 2.4 Dielectric Withstanding Voltage:100V AC
- 2.5 Solder Ability:235±5°C;5±0.5s

GENERAL TOLERANCE			
SELECT	√		
TOL. ON:	1	2	3
X.XXX	±0.05	±0.05	±0.15
X.XX	±0.15	±0.13	±0.25
X.X	±0.25	±0.25	±0.50
X.		±0.38	±1.00
ANGLE	±1°		

UNITS mm
MAT'L
FINISH
Q'TY

NAME:	CARD
PART NO:	TW02C-08200
APPD:	Vicky
CHKD:	Doris
DR:	deng

ATOM® 深圳市爱特姆科技有限公司 SHENZHEN ATOM TECHNOLOGY CO., LTD.

TITLE: MICRO SD CARD+MICRO SIM CARD 二合一

DWG NO. ATOM-A01904

SCALE	SHEET	REV
1:1	1/1	A