

REV.	DATE	MODIFICATION	APPROVER
A	20150527	NEW	Jason Lee

A

B

C

D

E

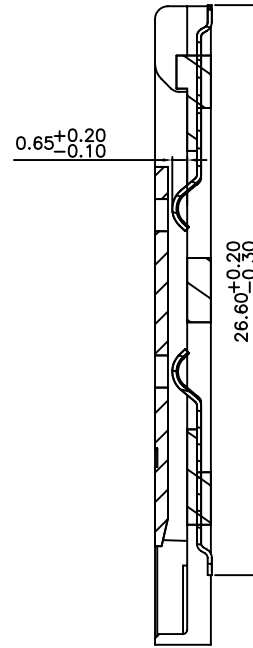
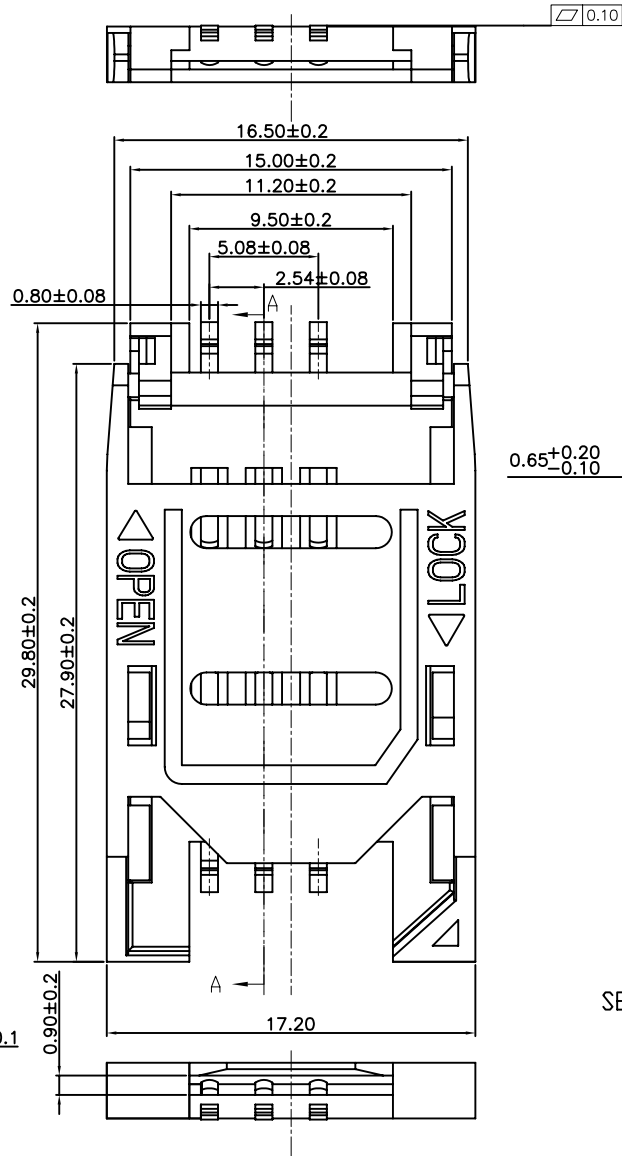
A

B

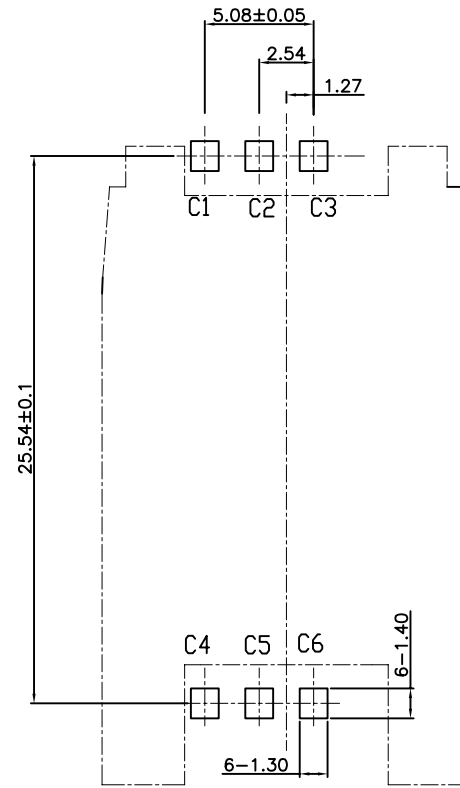
C

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E



SECTION A-A



RECOMMENDED PCB LAYOUT

TECHNICAL CHARACTERISTICS

- General characteristics
Contact principle: Friction technology
Operating position: Shaft up/down/horizontal
Mounting System :Smt (Post Optional)
Durability: 5000 cycles min.
- Mechanical characteristics:
Insulation material :Thermoplastic ,UL 94v-0
- Electrical Characteristics
Number of contacts (Optional): 6pins or 8pins
Contact resistance: 50mΩ initial, 100mΩ max
Insulation resistance : >1000MΩ /500V DC
- Solder ability
Wave: Not applicable
Vapor phase: 215°C, 30sec. Max
IR reflow: 250°C, 15sec. Max
Manual soldering: 360°C, 3sec. Max
- Environmental Characteristics
Operating temperature : -40°C ~ +85°C
Operating humidity: 10% ~ +95%RH
Storage temperature: -40°C ~ +85°C
Storage humidity: 10% ~ +95%RH
Thermal shock: -40°C ~ +85°C, 5cycles.
Damp heat: 40°C, 90%RH, 10days.
Salt-mist: 35°C, 5%NaCl, 24H

ITEM	PART NAME	Q'TY	MATERIAL
1	BASE	1pcs	Thermoplastic UL 94-0
2	COVER	1pcs	Thermoplastic UL 94-0
3	Data Contact	6PIN	Phosphor bronze

GENERAL TOLERANCE				UNITS _{mm}		NAME: SIM CARD 2.54mm 6P		ATOM [®] 深圳市爱特姆科技有限公司 SHENZHEN ATOM TECHNOLOGY CO., LTD.			
SELECT	☒	☐	☐			PART NO: SI30C-03***		TITLE: SIM CARD 2.54mm 6P H=2.6mm 掀盖式			
TOL	1	2	3	MAT'L		APPD: Jason		DWG NO. ATOM-A02545			
DN.						CHKD: Vicky					
X.XXX	±0.10	±0.05	±0.15	FINISH		DR: JACK					
X.XX	±0.15	±0.13	±0.25			Q'TY					
X.X	±0.20	±0.25	±0.5	Q'TY							
X.	±0.30	±0.38	±1.00								
ANGLE	±2°										
5						6		7		8	