

HF

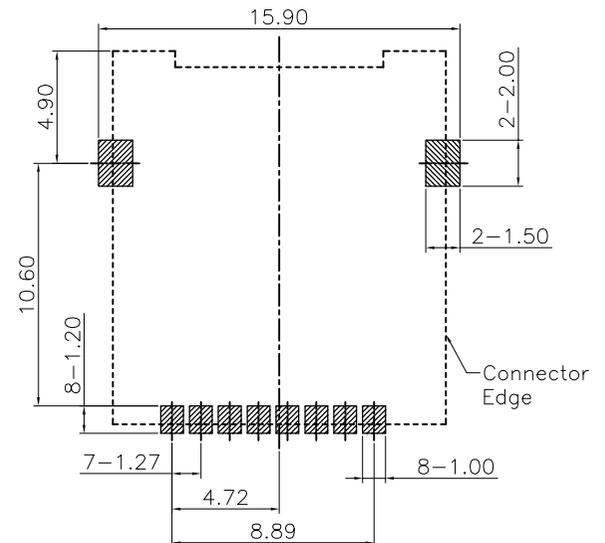
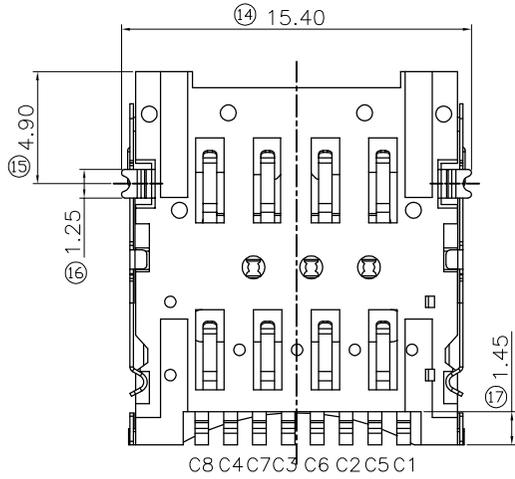
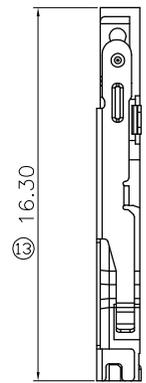
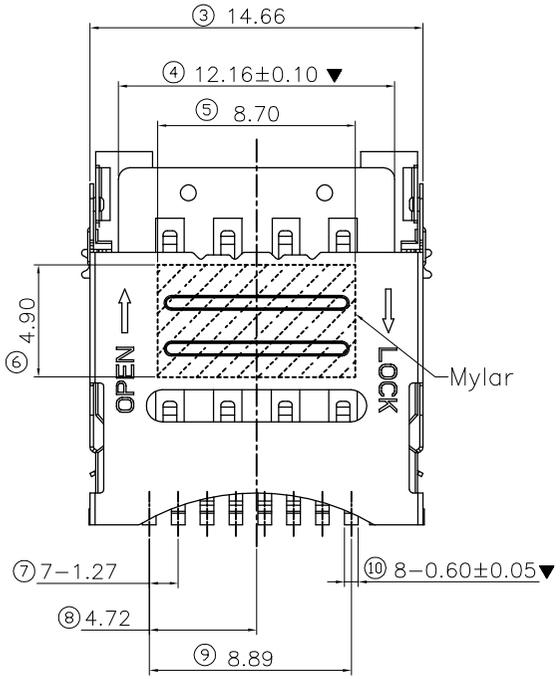
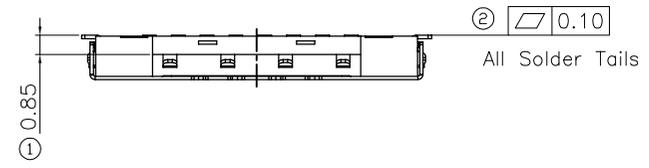
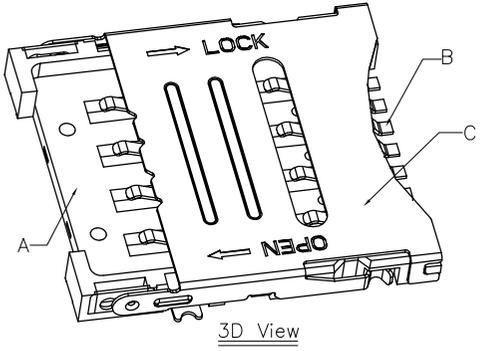
REV.	DATE	ECN NO.	MODIFICATION	APPROVER
AO	2023.03.11	/	NEW	Jason

Specifications:
 Material:
 A.Housing: LCP,UL94V-0 Black
 B.Contact: C5210,T=0.15±0.03mm
 Gold plated 3U²Min on contact area;
 100U²Tin plated TIN on Solder area.
 C.Shell:SUS304,T=0.15±0.03mm
 Nickel Plating 50U²Min.
 3.Lead free and ROHS compliant product.

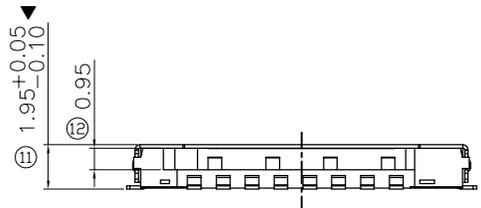
Electrical:
 1.Current Rating: 1A
 2.Voltage Rating: 15V DC
 3.Contact Resistance: 30 mΩ MAX
 4.Insulation Resistance: 1000 MΩ MIN
 5.Withstanding Voltage: 500V AC for one minute

Mechanical:
 1.Shell push pull force: 1-9N .
 2.Durability :2500 Cycles.

Environment characteristics:
 1.Operating Temperature:-25°C~+85°C



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



P/N	Pin Assignment	GENERAL TOLERANCE			UNITS	NAME(INTENDED USE)
C1	Supply Voltage(Vcc)	SELECT	1	2	mm	
C2	Reset(Rst)	TOL.			MATL	MICRO SIM CARD
C3	Clock(Clk)	ON.	1	2		3
C4	Reserved For Future Use(Rfu)	X.XXX	±0.10	±0.15	±0.20	SI118A-03200
C5	Ground(Gnd)	X.XX	±0.15	±0.20	±0.25	APPD:
C6	Programming Voltage(Vpp)	X.X	±0.20	±0.25	±0.30	CHKD:
C7	I/O	X.	±0.25	±0.30	±0.50	DR: Frank
C8	Reserved For Future Use(Rfu)	ANGLE	±2'			

ATOM 深圳市爱特姆科技有限公司 SHENZHEN ATOM TECHNOLOGY CO., LTD.	
TITLE: Customer Drawing For Micro Sim Card 8Pin 掀盖式 H=1.95mm 无柱 无窗	
DWG NO.: ATOM-A08034	
	SCALE 1:1
	SHEET 1/1
	REV. AO