

RoHS Compliant

【 Connector Pin Assignments 】

No.	Pin name	Description
①	C1	Vcc of SIM
②	C2	RST of SIM
③	C3	CLK of SIM
④	C5	GND of SIM
⑤	C6	Vpp of SIM
⑥	C7	I/O of SIM
⑦	SW	Detection Switch
⑧~⑦	GND	Shell Ground

NOTES:

1.ELECTRICAL REQUIREMENTS:

- 1-1.RATED Voltage: 12V/DC MAX;
- 1-2.RATED CURRENT: 0.5A MAX;
- 1-3.CONTACT RESISTANCE: Contact pin: 150mΩ MAX
Detection switch resistance :200mΩ

MAX

- 1-4.INSULATION RESISTANCE: 1000MΩ MIN 250V DC FOR 1 MINUTE

- 1-5.DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR 1 MINUTE.

2.MECHANICAL REQUIREMENTS:

- 2-1.DURABILITY: 1500 CYCLES MIN.

3.ENVIRONMENTAL REQUIREMENTS:

- 3-1.Salt Spray: 5% salt solution , 24 hours

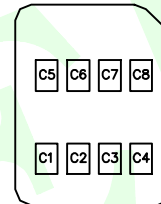
- 3-2.OPERATING TEMP: -25℃~+85℃

- 3-3.STORAGE TEMP: -40℃~+85℃

4.RECOMMENDED PROCESS DONDITION:

- IR-REFLOW,PEAK TEMPERATURE AND TIME:250℃,5-10S

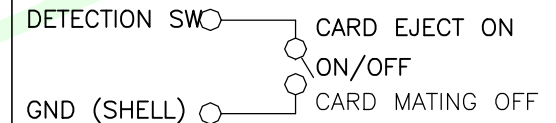
【 SIM CARD PAD LAYOUT 】



【 SIM Card Pin Assignments 】

PIN	Name
C1	Vcc
C2	RST
C3	CLK
C4	Reserved
C5	GND
C6	Vpp
C7	I/O
C8	Reserved

Circuit Drawing of switch



7	SLIDER	1	LCP UL94V-0
6	LINK	1	STAINLESS STEEL
5	SPRING	1	SWP-B
4	CAM Plate(inside)	1	STAINLESS STEEL
3	CONTACT	1	COPPER ALLOY Nickel Barrier Contact: Au 1u" Min over Ni 40~200u" Lead : Au flash 1u" Min over Ni 40~200u"
2	COVER	1	STAINLESS STEEL Not hold down : Nickel 10~200u" Hold down : Au flash 1u" Min over Ni 10~200u"
1	HOUSING	1	LCP UL94V-0
NO.	DESCRIPTION	Q'TY	Material

MEASURE POINT:

QUADRANT POINT

TANGENCY POINT

INTERSECTION POINT

UNLESS OTHERWISE SPECIFIED,TOLERANCE:

X. ±0.25

X.x ±0.20

X.xx ±0.15

ANGULAR ±3°

QP

TP

IP

联晟欣连接器（深圳）有限公司
Lianshengxin Connector (Shenzhen) Co., Ltd

DESIGN Andy DATE 2014.12.24

CHECKED DATE

APPROVED DATE

PART NO: LCK-SIM-010P7H127-WLG

DRAWING NO:1020221320

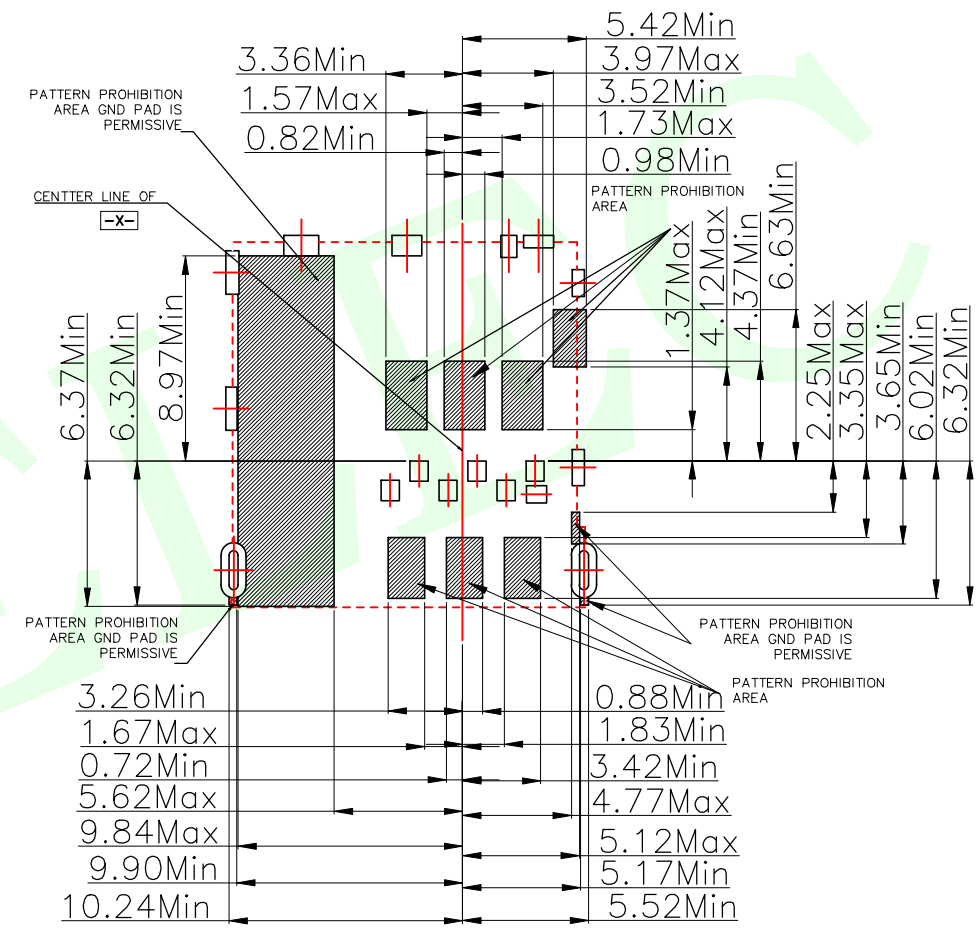
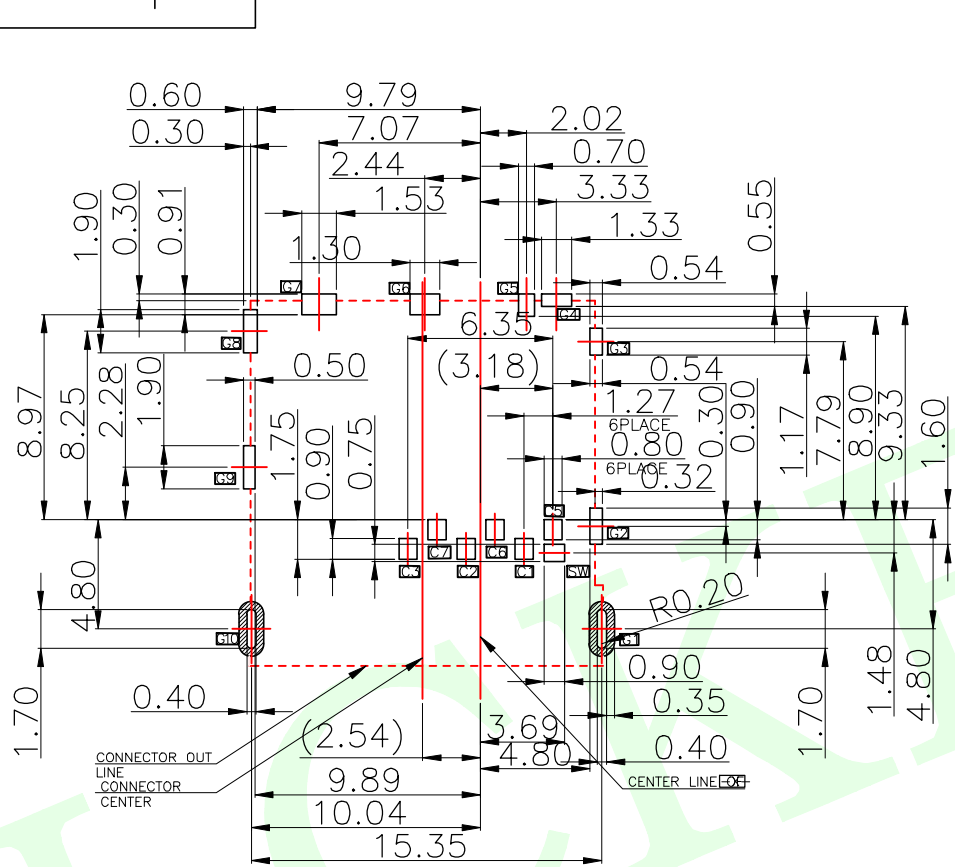
TITLE: 1.27mm(DIP:1.4mm)PUSH MICRO SIM

CARD CONN CUSTOMER DRAWING

REV: 04 SCALE: 1:1 UNIT: mm

SIZE: A4 SHEET: 1/1

RoHS Compliant



Recommended PCB Layout
(General tolerance: ± 0.05)

连晟欣
LCK
产品类别
MS: MINI SIM
SIM: MICRO SIM
NANO: NANO SIM
产品流水料号识别码
产品PIN位
P7: 7PIN
LCK-SIM-010
P7
H127-W
L
G
电镀规格
G: gold flash
G1: 1U
G3: 3U
(以此类推)
包装方式
L: 圆盘
有柱无柱
Y: 有柱
W: 无柱
产品高度
H127: 1.27MM

MEASURE POINT: QUADRANT POINT TANGENCY POINT INTERSECTION POINT	联晟欣连接器 (深圳) 有限公司 Lianshengxin Connector (Shenzhen) Co., Ltd				TITLE: 1.27mm(DIP:1.4mm)PUSH MICRO SIM CARD CONN CUSTOMER DRAWING			
	DESIGN	Andy	DATE	2014.12.24	REV: 04			
	CHECKED		DATE		SCALE: 1:1			
	APPROVED		DATE		UNIT: mm			
UNLESS OTHERWISE SPECIFIED, TOLERANCE: X. ± 0.25 X.x ± 0.20 X.xx ± 0.15 ANGULAR $\pm 3^\circ$	PART NO: LCK-SIM-010P7H127-WLG				SIZE: A4			
	DRAWING NO: 1020221320				SHEET: 1/1			