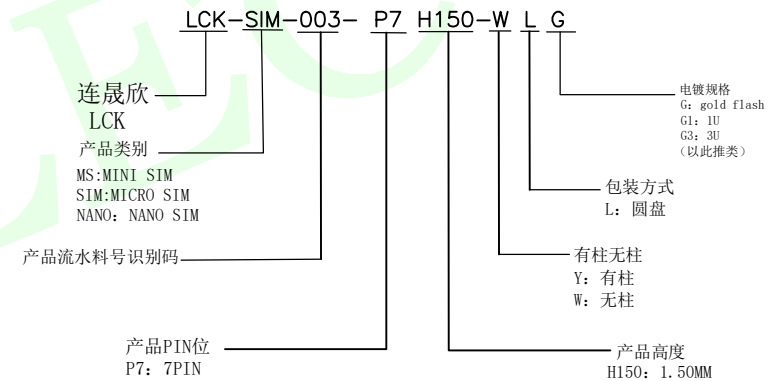
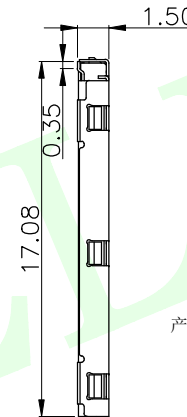
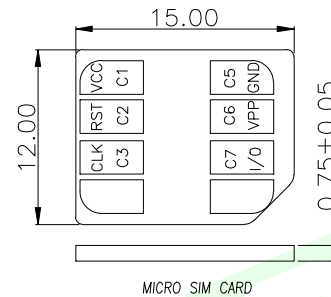
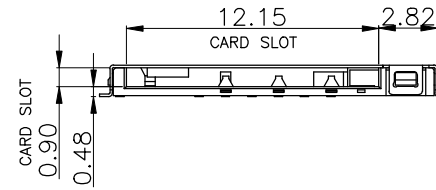
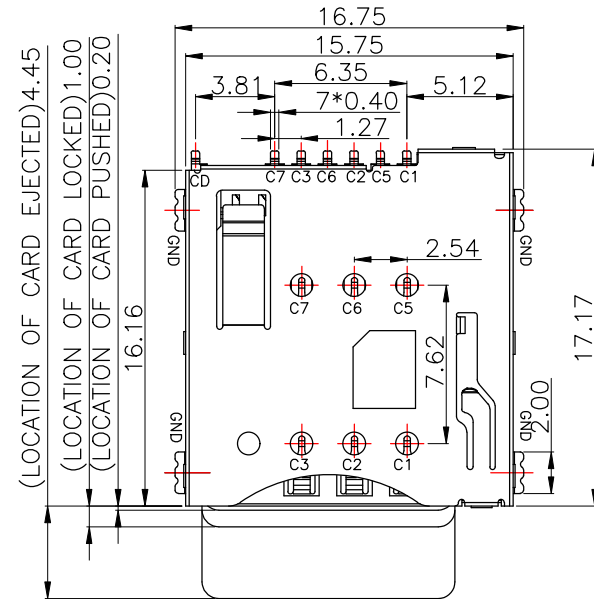


RoHS Compliant

Connector Pin Assignment

Pin Name	Description
C1	Vcc of SIM
C2	RST of SIM
C3	CLK of SIM
C5	GND of SIM
C6	Vpp of SIM
C7	I/O of SIM
SW	Detection Switch



TECHNICAL CHARACTERISTICS

1.General Characteristics

Dimensions: 15.75LX17.17WX1.50H mm

Weight: Approx 0.4±0.1g

Durability: 1500 cycles min.

2.Electrical Characteristics

Contact resistance;

Date Contact: 150mΩ max

CD Switch: 500mΩ max

Insulation resistance: >1000MΩ/500V DC

3.Solderability

Vapor phase: 215°C, 30sec. Max

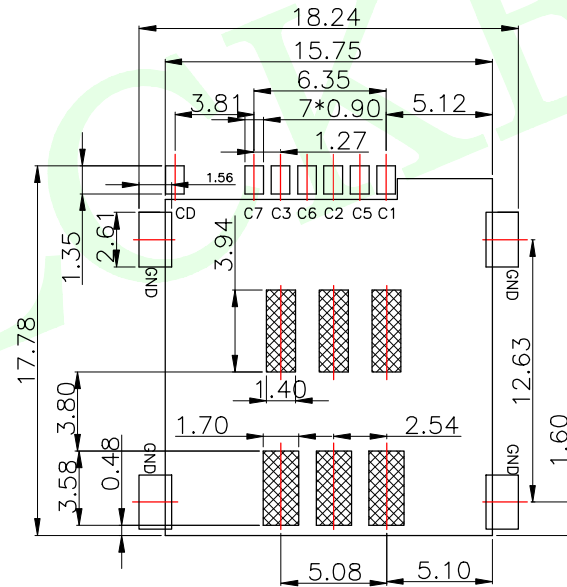
IR reflow: 250°C, 5sec. Max

Manual soldering: 370°C, 3sec. Max

4.Environmental Characteristics

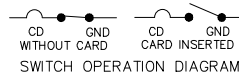
Operating temperature: -40°C~+85°C

Operating humidity: 10%~+95%RH



RECOMMENDED PCB LAYOUT
GENERAL TOLERANCE ±0.05

ELECTRIC FUNCTION	DETECT SWITCH
WITHOUT CARD	CLOSED
CARD INSERTED	OPEN



ITEM	PART NAME	Q'TY	MATERIAL	FINISH
1	HOUSING	1	Hi-temp Thermoplastic	Black UL94V-0
2	DATA CONTACT	6	Copper Alloy	Contact area: Gold plated
3	CD SWITCH	1	Copper Alloy	Contact area: Gold plated
4	SHELL	1	Stainless Steel	SMT area: Gold plated
5	COIL SPRING	1	SWP	
6	HEART CAM	1	Hi-temp Thermoplastic	Black UL94V-0
7	CAM PIN	1	Stainless Steel	

MEASURE POINT:

QUADRANT POINT

TANGENCY POINT

INTERSECTION POINT

QP

TP

IP

UNLESS OTHERWISE SPECIFIED, TOLERANCE:

X.	±0.25
X.x	±0.20
X.xx	±0.15
ANGULAR	±3°

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

DESIGN	Andy	DATE	2014.12.24	TITLE:	MICRO SIM PUSH PUSH 1.50H
CHECKED		DATE			6+1P无柱
APPROVED		DATE			
PART NO:	LCK-SIM-003-P7H150-WLG	REV:	04	SCALE:	1:1
DRAWING NO:	1020221560	SIZE:	A4	SHEET:	1/1