


RECOMMENDED PCB LAYOUT

Material:
 Insulator: H-Temperature Plastic, UL 94V-0, Black.
 Contact: Copper Alloy, T=0.15mm
 Shell: Stainless Steel, T=0.15mm
Finish:
 Terminal: 50u" min Nickel Underplated on All over, Gold Plating on Contact Area, 80u" min Tin on Solder Tail.
 Shell: 50u" Nickel Underplated on All over, Gold Flash on Solder Latch.

Electrical:
 Current Rating: 0.5A.
 Voltage Rating: 5.0 Vrms.
 Insulation Resistance: 500M Min. At DC 500V DC
 Withstanding Voltage: 250V ACrms For 1 Minute.
 Contact Resistance: 100M Max. At 10MA/20mV MAX.
 Operating Temperature: -55°C TO +85°C
 Mating Cycles: 5000 Insertions.

SIM Pin Assignment	
Pin #	Name
C1	VCC
C2	RST
C3	CLK
C4	Reserved
C5	GND
C6	VPP
C7	I/O
C8	Reserved

GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION		Description:	
X	±0.15	X	±5°	UNITS	mm	SIM CARD CONN; PUSH PUSH, 6P, H1.85mm, SMD L-KLS1-SIM-087-6P-H1.85-R	
.X	±0.03	.X	±3°	SHEET SIZE	A4		
.XX	±0.05	.XX	±2°	KLS P/N:			
Draw by:	Jenny	Date:	2018-03-10	 NingBo KLS ELECTRONIC CO., L TD.			
Check by:		Date:	2018-03-10				
SCALE		SHEET	1	OF	1		