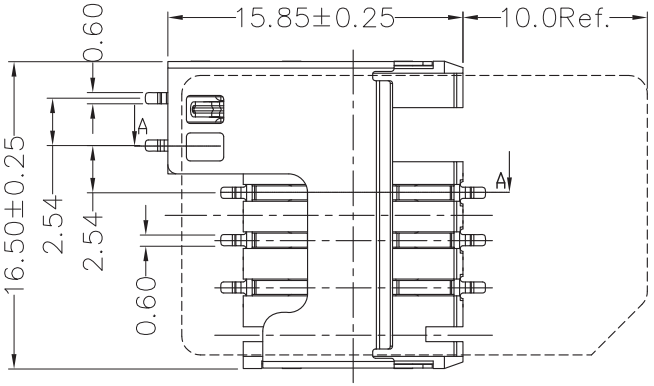
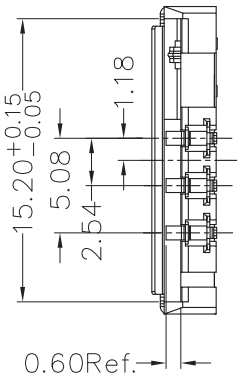
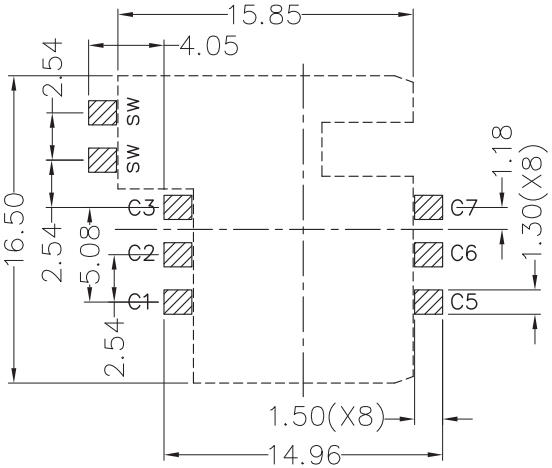
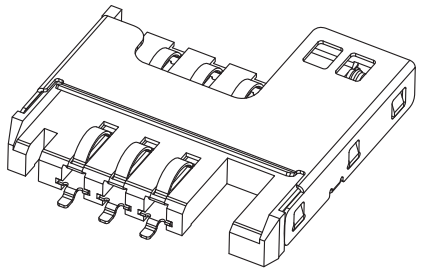
REV.	DESCRIPTION OF REVISIONS	APPR.	DRAW.	RELEASE	DATE
X1					
X2					

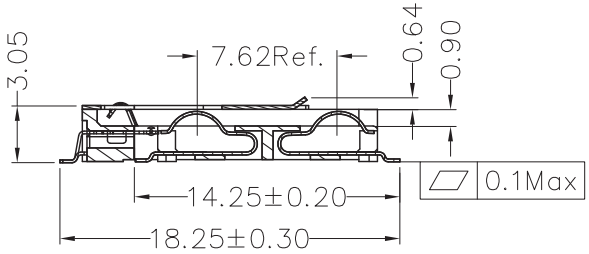






RECOMMENDED P.C.B LAYOUT
COMPONENT SIDE(TOLERANCE ±0.05)





SECTION A–A

TECHNICAL CHARACTERISTICS

1.General Characteristics

Dimensions: 15.85LX16.50WX3.00H mm

Weight: Approx 0.70±0.2g

Durability: 5,000 cycles min.

2.Electrical Characteristics

Contact resistance: 50mΩ typical,100mΩ max

Insulation resistance: >1000MΩ/500V DC

3.Solderability

Vapor phase: 215°C,30sec.Max

IR reflow: 250°C,5sec.Max

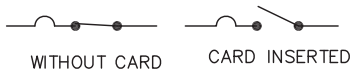
Manual soldering: 370°C,3sec.Max

4.Environmental Characteristics

Operating temperature: −40°C~+85°C

Operating humidity: 10%~+95%RH

ELECTRIC FUNCTION	DETECT SWITCH
WITHOUT CARD	CLOSED
CARD INSERTED	OPEN



SWITCH OPERATION DIAGRAM

ITEM	PART NAME	Q'TY	MATERIAL	FINISH
1	BASE	1	Hi−temp Thermoplastic	Black UL94V−0
2	COVER	1	Stainless Steel	
3	DATA CONTACT	6	Copper Alloy	Contact area:Gold plated
4	SWITCH CONTACT 2	1	Copper Alloy	Contact area:Gold plated
5	SWITCH CONTACT 1	1	Copper Alloy	Contact area:Gold plated

Unless otherwise specified, other tolerance are:

X	±0.35	X°	±5°
X.X	±0.25	X.X°	±4°
X.XX	±0.15	X.XX°	±3°
X.XXX	±0.10	X.XXX°	±2°

PROJ. | UNIT mm | SCALE 1:1

CUSTOMER DRAWING

RoHS PROCESS COMPLIANT

Wellco T&C Co., Ltd.

NAME: **Smart Card Acceptor**

MODEL NO: **727**

TYPE : **Normally close(without post)**

DRAWN	Zoey	Aug.14.2008
CHECKED	Keey	Aug.14.2008
APPROVAL	Simon	Aug.14.2008

DWG NO. : 727−005

SHEET 1/1 | REVISION X1