



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

ITEM	PART NAME	Q'TY	MATERIAL	FINISH
1	BASE	1	Hi-temp Thermoplastic	Black UL94V-0
2	COVER	1	Hi-temp Thermoplastic	Black UL94V-0
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

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

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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 SCALE 1:1  
mm

CUSTOMER DRAWING

NAME: **Smart Card Acceptor**  
MODEL NO: **703**  
TYPE: **post optional**

DRAWN: Zoey Jan.15.2010  
CHECKED: Jimmy Jan.15.2010  
APPROVAL: Simon Jan.15.2010

DWG No.: 703-003  
SHEET 1/1  
REVISION X1

TECHNICAL CHARACTERISTICS

1.General Characteristics

Dimensions: 29.65X17.20WX2.50H mm

Weight: Approx1.20g

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 OPEN

CARD INSERTED CLOSED

WITHOUT CARD CARD INSERTED

SWITCH OPERATION DIAGRAM

PROCESS COMPLIANT

Wellco T&C Co., Ltd.