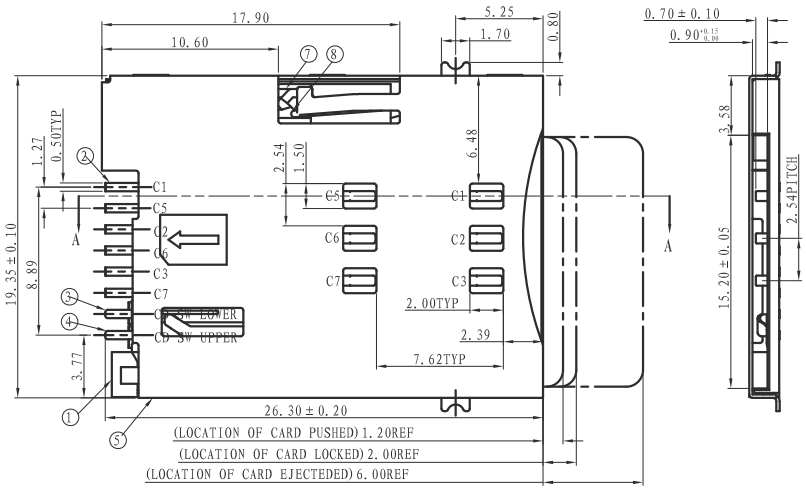
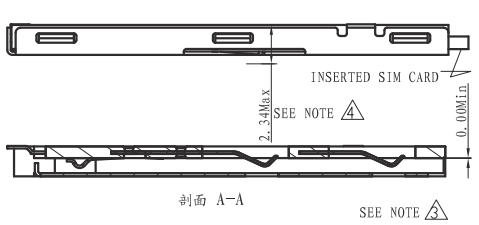
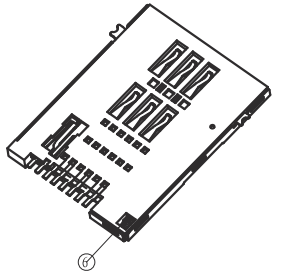
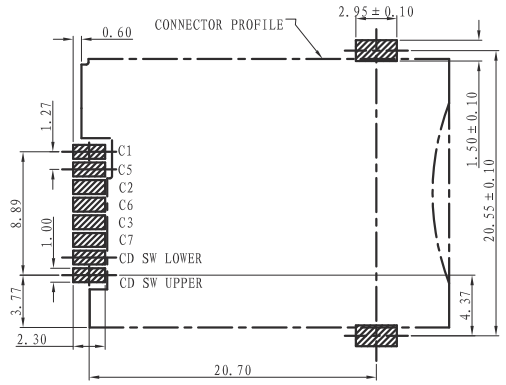


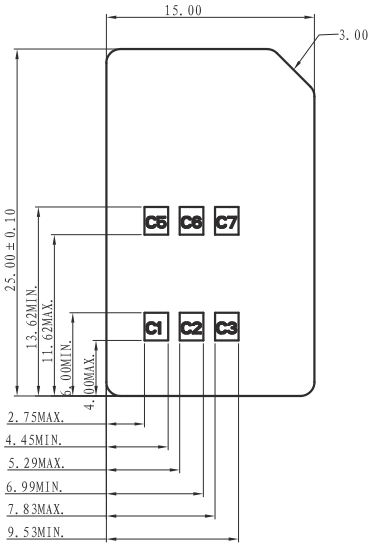






RECOMMENDED PCB LAYOUT
TOLERANCE +/-0.05MM

DETAIL A
SCALE 10.000



APPLICABLE CARD SIZE
THICKNESS: 0.76+/-0.08

NOTE:
1. FINISH
   1-1 TERMINAL:
   50~200u" NICKEL UNDER PLATED
   5u" MIN GOLD PLATING ON CONTACT AREA
   100u"MIN Matte Tin ON SOLDERING AREA
   1-2 SHELL:
   50~200u" NICKEL UNDER PLATED
   3u" MIN GOLD FLASH ON SOLDERING AREA
   1-3 DETECT PIN:
   50~200u" NICKEL UNDER PLATED
   5u" MIN GOLD PLATING ON CONTACT AREA
   100u" MIN Matte Tin ON SOLDERING AREA
2. DETECT SWITCH: INSERT CARD=ON (NORMAL=OPEN)
3. 3. I.E., TERMINAL TIP WILL SINK INTO HOUSING
4. 4. SPRING RISE UP DURING PUSH-PUSH PERIOD
5. PRODUCT COMPLIANT TO ROHS DIRECTIVE
   2002/95/EC AND ELV DIRECTIVE 2000/53/EC

SIM CARD	
Pin No.	NAME
C1	VCC
C2	RST
C3	CLK
C5	GND
C6	VPP
C7	I/O

CARD INSERTED WITHOUT CARD

No.	DESCRIPTION	Q'TY	MATERIAL
1	HOUSING	1	HIGH TEMPERATURE THERMOPLASTIC
2	TERMINAL	6	COPPER ALLOY
3	DETECT PIN LOWER	1	COPPER ALLOY
4	DETECT PIN UPPER	1	COPPER ALLOY
5	SHELL	1	STAINLESS STEEL
6	COIL SPRING	1	PIANO WIRE
7	HEART CAM	1	HIGH TEMPERATURE THERMOPLASTIC
8	CAM PIN	1	STAINLESS STEEL

TECHNICAL CHARACTERISTICS

1.General Characteristics
- Dimensions: 26.50Lx19.35Wx1.80H mm
- Weight: Approx 1.50g
- Contact principle: friction technology
- Operating position: shaft up/down/horizontal
- Mounting System: SMT(Post optional)
- Durability: 5000 cycles min.

2.Mechanical characteristics:
- Insulation material: Thermoplastic,UL 94V-0

3.Electrical Characteristics
- Number of contacts (Optional): 6pins
- contact resistance: 50mΩtypical,100mΩmax
- insulation resistance: >1000MΩ/500V DC
- Switch type: Blade
- Operation: Normally open

4.Solderability
- wave: Not applicable
- Vaporphase: 215°C, 30sec. Max
- IR reflow: 260°C,10sec.Max
- Manual soldering : 360°C,3sec.Max

5.Environmental Characteristics
- Operating temperature: -40°C~+85°C
- Operating humidity : 10%~+95%RH
- Storage temperature: -40°C~+85°C
- Storage Humidity: 10%~95%RH
- thermal shock: -40°C~+85°C,5cycles
- Damp Heat: 40°C,90%RH,10days.
- Salt-Mist: 35°C,5%NaCl,24HR

Wellco T&C Co., Ltd.

P/N # 750-NP

SIM Card Connector

REVISION:1.0 | **DATE: Jul.8, 2009**