

## CH03-CC : SIM CARD CONNECTOR SMT TYPE 8 CONTACTS HEIGHT = 2.75MM

## Specification

## 1.General Information

Contact principle: Friction technology

Mounting Type: SMT

Durability: 100.000 cycles min.

Voltage Rating: 30V AC

Current Rating: 1A Max, 10uA Min

## 2.Electrical Specification

Contact Resistance: 50m ohms Max

Insulation Resistance: 1000M0hm Min.

Dielectrical Withstanding Voltage: 500V AC  
R.M.S. 1 Min(Sea Level)

## 3.Mechanical Specification

Contact Force: 0.2N~0.6N

Data Contact Material: Copper Alloy

Insulation Material: Thermoplastic, UL 94V-0

Data Contacts Plating: Gold Plated Over Nickel

## 4.SOLDERABILITY

WAVE: NOT APPLICABLE

IR REFLOW: 260°C, 5 SEC. MAX.  $\triangle$ 

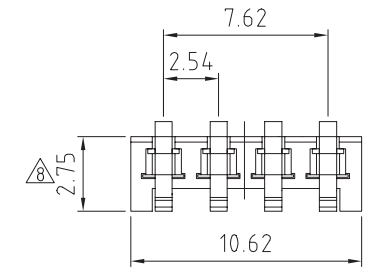
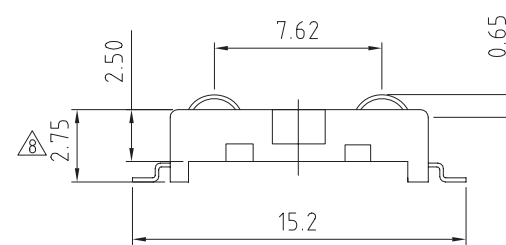
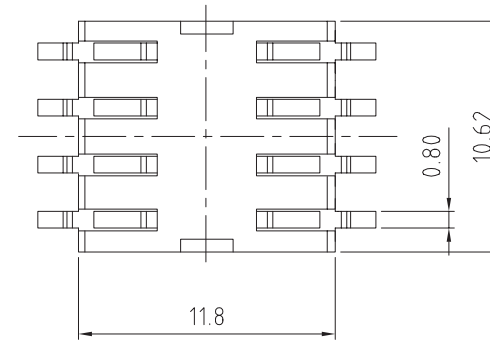
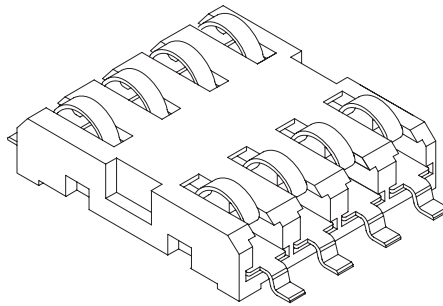
MANUAL SOLDERING: 360°C, 3 SEC. MAX.

## 5.Environmental Specification

Operating Temperature: -20°C~+70°C

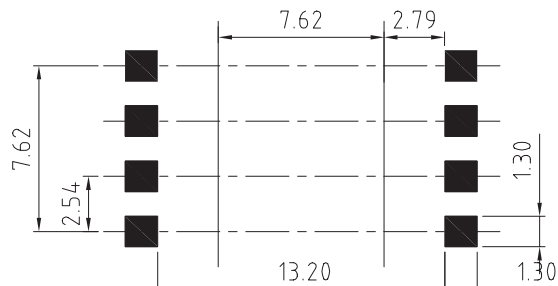
Operating Humidity: 20%~95% RH

## NOTES:

1. ACCEPTABLE SIM CARD SIZE SHOULD MEET GSM 11.11  
SPECIFICATION REQUIREMENT.  $\triangle$ 



## HOW TO ORDER

CH03 - CC080 - 27X - L

PACKAGING OPTIONS  
 $\triangle$  T = TUBE  
R = REEL

RECOMMENDED PCB LAYOUT

|                   |                               |
|-------------------|-------------------------------|
| REV. DATE & DRN   | 10 12/02/06 - CHC RELEASE     |
| 11 24/03/06 - NYW | ADD BROS OPTION               |
| 12 14/07/06 - NYW | REMOVE NON-ROHS VERSION       |
| 13 23/02/06 - CHC | ADD MAX TEMP                  |
| 14 26/03/07 - NYW | REMOVE 30 OPTION FROM HEIGHT. |
| 15 29/05/07 - CHC | ADD NOTES 1.                  |
| 16 20/02/08 - CHC | ADD UNSTATED TOLERANCES.      |
| 17 18/06/09 - NYW | CHANGE T PACKAGING TO TUBE.   |
| 18 12/07/11 - NYW | REMOVE OTHER HEIGHT OPTIONS.  |

|  |   |                      |                               |                      |   |
|--|---|----------------------|-------------------------------|----------------------|---|
| Scale: 4:1   | THIRD ANGLE   | Unstated<br>X<br>.XX | Tolerances:<br>±0.38<br>±0.25 | Material<br>SEE NOTE |  |
| Drawn: CHC   |  |                      |                               |                      |   |
| App'd: NYW   | Title SIM Card Acceptor   | NOT TO SCALE         |                               |                      |   |
| Date: 13 JAN '11   | Revision : 1.8  | Unit : mm            |                               |                      |   |
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