

## CH03-AA-B: SIM CARD CONNECTOR SMT, SLIDE IN TYPE, 6 OR 8 CONTACTS

## FEATURES

## 1. GENERAL CHARACTERISTICS

CONTACT PRINCIPLE: FRICTION TECHNOLOGY

MOUNTING SYSTEM: SMT TYPE

DURABILITY: 10,000 CYCLES MIN.

## 2. MECHANICAL CHARACTERISTICS

INSULATION MATERIAL: THERMOPLASTIC, UL 94V-0

CONTACT MATERIAL: PHOSPHOR BRONZE

CONTACT PLATING: GOLD OR PD OVER NICKEL

## 3. ELECTRICAL CHARACTERISTICS

CONTACT RESISTANCE: 50M OHMS TYPICAL, 100M OHMS MAX.

INSULATION RESISTANCE: &gt; 1000M OHMS MIN. / 500V DC

RATED CURRENT: 0.5A MAX.

RATED VOLTAGE: 30V AC

WITHSTANDING DIELECTRIC VOLTAGE: 500V AC RMS FOR 1 MINUTE

## 4. SOLDERABILITY

VAPOR PHASE: 215°C FOR 30 SEC. MAX.

IR REFLOW: 260°C FOR 10 SEC.

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

## 5. ENVIRONMENTAL CHARACTERISTICS

OPERATING TEMP.: -40°C~+85°C

OPERATING HUMIDITY: 10%~95% RH

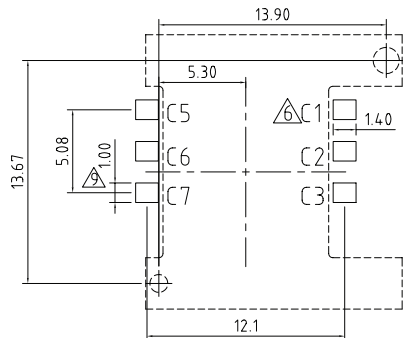
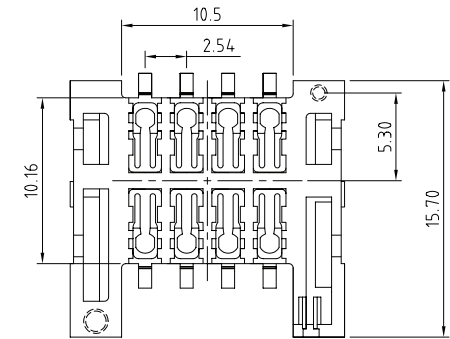
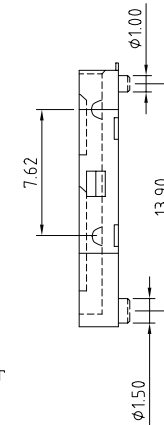
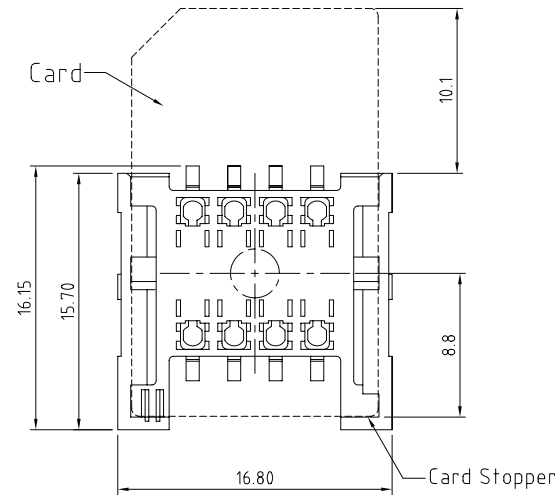
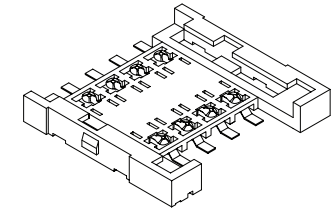
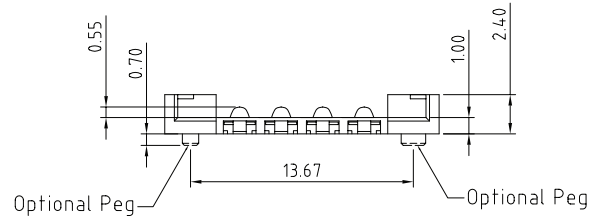
STORAGE TEMP.: -40°C~+85°C

STORAGE HUMIDITY: 10%~95% RH

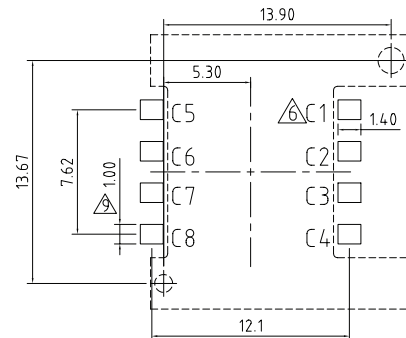
DAMP HEAT: 40°C, 90% RH, 500HR

SALT- MIST: 35°C, 5%, NaCl, 48H

## NOTES:

1. ACCEPTABLE SIM CARD SIZE SHOULD MEET GSM 11.11 SPECIFICATION REQUIREMENT. 2. IF USING IN A HIGH TEMPERATURE ENVIRONMENT PLEASE CHECK WITH GRADCONN. 

6 PINS VERSION



8 PINS VERSION

RECOMMENDED PCB LAYOUT

## HOW TO ORDER

C H 0 3 - A A X X 0 - B X X - L

NO. OF CONTACTS

06 (STANDARD)

OR


08 (NON-STANDARD)

WITHOUT  
SWITCHWITH OR WITHOUT  
LOCATING PEG

A = WITH (STANDARD)

B = WITHOUT  
(NON-STANDARD)

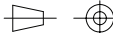
PACKAGING OPTIONS


T = TUBE 

R = REEL

&lt;&lt;NOTE : NON-STANDARD PARTS WOULD REQUIER HIGHER MOQ.&gt;&gt;

REV. DATE & DRN
10 21/02/04-CH-CH RELEASE
11 22/07/05-NYW
12 21/03/06-NYW
13 11/07/06-NYW
14 29/05/07-NYW
15 22/08/07-NYW
16 24/08/07-NYW
17 20/10/07-NYW
18 04/06/08-NYW
19 04/05/10 - NYW

Scale: 3=1	THIRD ANGLE	Unstated Tolerances: 0 Dec Places 1 Dec Places 2 Dec Places 3 Dec Places	Material SEE NOTE
Drawn: CHC			
App'd: NYW	Title: SIM CARD ACCEPTOR	NOT TO SCALE	
Date: 4 MAY '10	Revision: 19	Unit: mm	

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Type: CH03-AA

CH03-AA-B

Drawing Number:

Sheet 1 of 1

Drawing C0 E and O E