



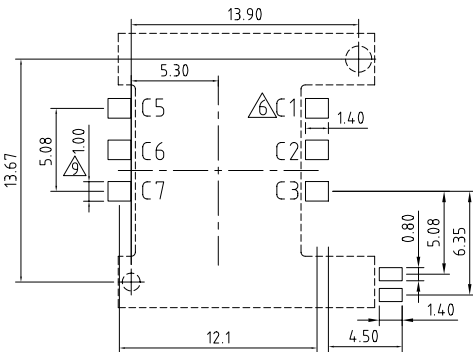
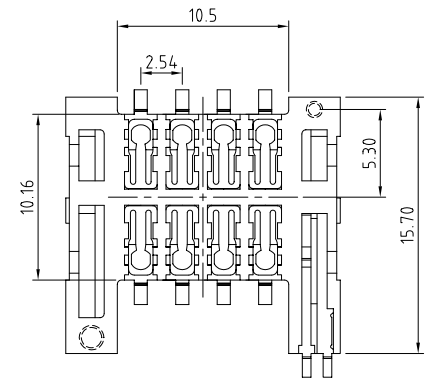
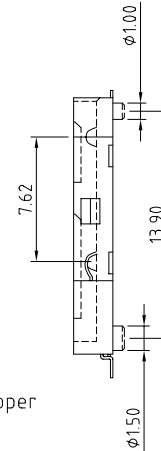
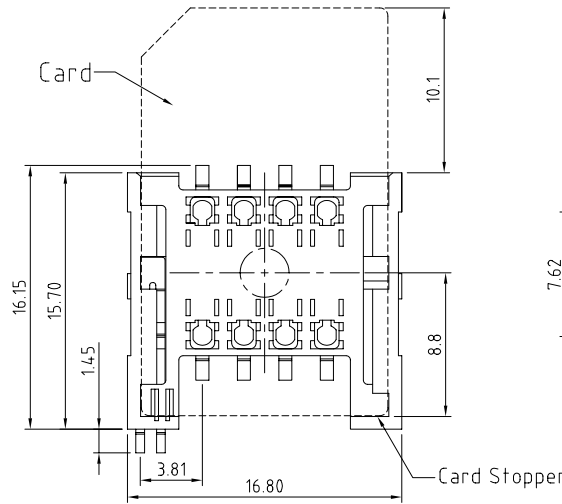
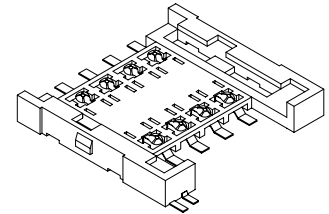
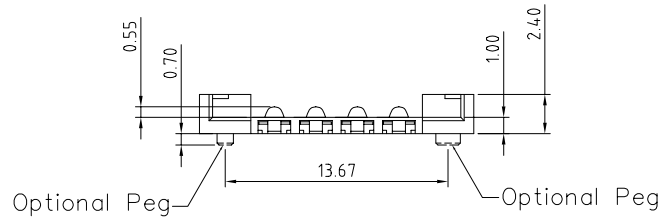
CH03-AA-A: SIM CARD CONNECTOR SMT, SLIDE IN TYPE, 6 OR 8 CONTACTS, WITH SWITCH

FEATURES

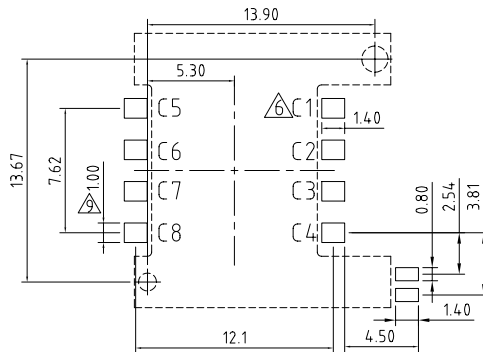
- GENERAL CHARACTERISTICS**
 CONTACT PRINCIPLE: FRICTION TECHNOLOGY
 MOUNTING SYSTEM: SMT TYPE
 DURABILITY: 10,000 CYCLES MIN.
- MECHANICAL CHARACTERISTICS**
 INSULATION MATERIAL: THERMOPLASTIC, UL 94V-0
 CONTACT MATERIAL: PHOSPHOR BRONZE
 CONTACT PLATING: GOLD OR PD OVER NICKEL
- ELECTRICAL CHARACTERISTICS**
 CARD DETECTING SWITCH STATE: NORMALLY OPEN
 CONTACT RESISTANCE: 50M OHMS TYPICAL, 100M OHMS MAX.
 INSULATION RESISTANCE: > 1000M OHMS MIN. / 500V DC
 RATED CURRENT: 0.5A MAX.
 RATED VOLTAGE: 30V AC
 WITHSTANDING DIELECTRIC VOLTAGE: 500V AC RMS FOR 1 MINUTE
- SOLDERABILITY**
 VAPOR PHASE: 215°C FOR 30 SEC. MAX.
 IR REFLOW: 260°C FOR 10 SEC.
 MANUAL SOLDERING: 360°C FOR 3 SEC. MAX.
- 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:

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



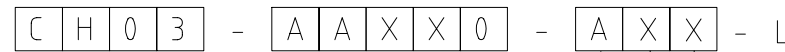
6 PINS VERSION



8 PINS VERSION

RECOMMENDED PCB LAYOUT

HOW TO ORDER



NO. OF CONTACTS
 06 (STANDARD)
 OR
 08 (NON-STANDARD)

WITH SWITCH

WITH OR WITHOUT
 LOCATING PEG
 A = WITH (STANDARD)
 B = WITHOUT
 (NON-STANDARD)

PACKAGING OPTIONS
 T = TUBE
 R = REEL ⚠

<<NOTE : NON-STANDARD PARTS WOULD REQUIER HIGHER MOQ.>>

REV. DATE & DRN	10 21/12/04-CH-CHC RELEASE
11 22/07/05-NYW	AMEND PACK OPTION
12 21/03/06-NYW	ADD ROHS OPTION
13 14/07/06-NYW	REMOVE NON-ROHS VERSION
14 28/05/07-NYW	ADD NOTES 1
15 22/08/07-NYW	ADD NOTES 2
16 24/08/07-NYW	AMEND PIN LAYOUT#
17 20/11/07-NYW	SEPERATE PCB LAYOUT. MARK STANDARD AND NON-STANDARD OPTION.
18 03/06/08-NYW	ADD ELECTRICAL SPEC.
19 04/05/09-NYW	AMEND PCB PIN LAYOUT.

Scale:	3=1
Drawn:	CHC
App'd:	NYW
Date:	4 MAY '10

THIRD ANGLE	
Title	SIM CARD ACCEPTOR
Revision:	1.9

Unstated Tolerances:	0 Dec Places 1 Dec Places 2 Dec Places 3 Dec Places
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Material	SEE NOTE
	NOT TO SCALE
Unit:	mm

Type:	CH03-AA
	CH03-AA-A
Drawing Number:	Sheet 1 of 1
	Drawing C E and O E

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