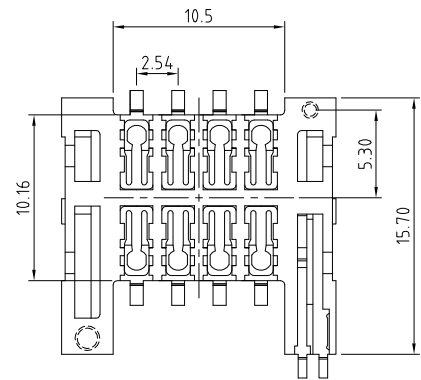
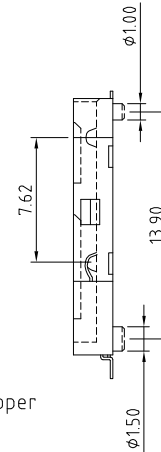
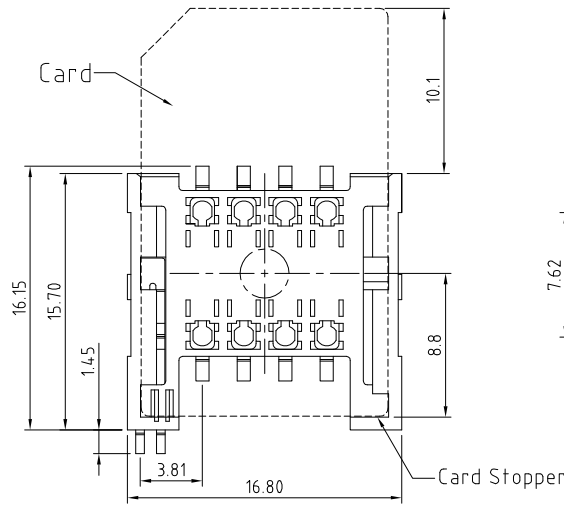
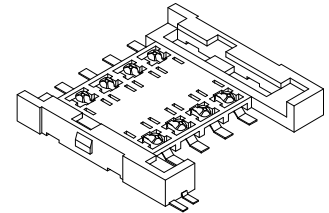
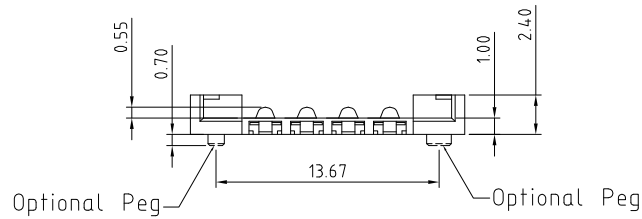


CH03-AA-A: SIM CARD CONNECTOR SMT, SLIDE IN TYPE, 6 OR 8 CONTACTS, WITH SWITCH

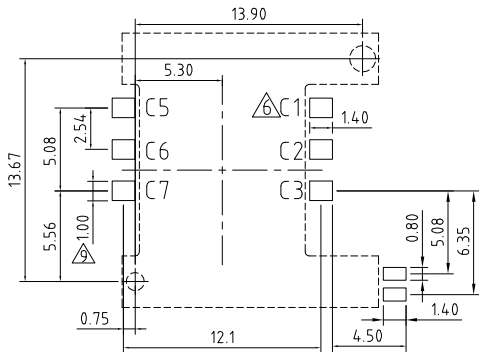
FEATURES

- 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

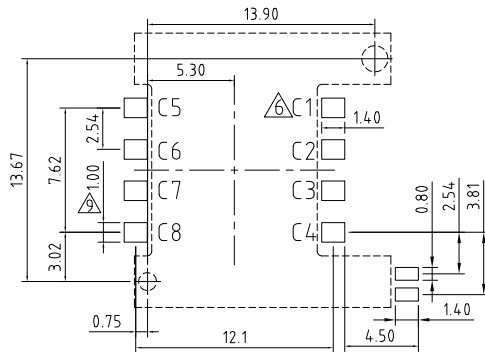


NOTES:

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



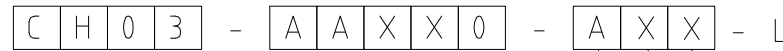
6 PINS VERSION



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
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 04/05/10-NYW	AMEND PCB PIN LAYOUT.
20 07/09/12 -NYW	ADD PCB LAYOUT DIM.

Scale:	3=1
Drawn:	CHC
App'd:	NYW
Date:	7 SEP. '12

THIRD ANGLE	Unstated Tolerances: 0 Dec Places 1 Dec Places 2 Dec Places 3 Dec Places
Title	SIM CARD ACCEPTOR
Revision:	2.0

Material	SEE NOTE
	NOT TO SCALE
Unit:	mm

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