

CH03-AB

CUSTOMER PRODUCT SPECIFICATION SHEET

RoHS
Compliant

CH03-AB - SIM CARD HOLDER WITH SWITCH 6 PINS, SLID IN TYPE, WITH HALF METAL COVER

FEATURES

1. GENERAL CHARACTERISTICS

DIMENSIONS: 15.85L x 16.50W x 3.00H mm

WEIGHT: APPROX. 0.70g

CONTACT PRINCIPLE: FRICTION TECHNOLOGY

OPERATING POSITION: SHAFT UP / DOWN / HORIZONTAL

MOUNTING SYSTEM: SMT TYPE WITHOUT POST

DURABILITY: 10,000 CYCLES MIN.

2. MECHANICAL CHARACTERISTICS

INSULATION MATERIAL: LCP+30% G.F, UL 94V-0

CONTACT MATERIAL: PHOSPHER BRONZE

PLATING :

DATA CONTACTS -

GOLD FLASH ON CONTACT AREA OVER 50U" NICKEL

GOLD FLASH ON SOLDER AREA (PCB SIDE) OVER 50U" NICKEL

50U" NICKEL ON THE REST.

CARD DETECTOR / SWITCH -

GOLD FLASH OVER 50U" NICKEL

METAL SHELL MATERIAL: STAINLESS STEEL

3. ELECTRICAL CHARACTERISTICS

CONTACT RESISTANCE: 50M OHMS TYP. 100M OHMS MAX.

INSULATION RESISTANCE: > 1000M OHMS / 500V DC

SWITCH TYPE: BLADE (Normally Open)

RATED CURRENT: 1A MAX.

RATED VOLTAGE: 50V MAX.

WITHSTANDING DIELECTRIC VOLTAGE: 50V AC R.M.S. FOR 1 MINUTE

4. SOLDERABILITY

WAVE: NOT APPLICABLE

IR REFLOW: 260°C, 10 SEC. MAX.

MANUAL SOLDERING: 360°C, 3 SEC. 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

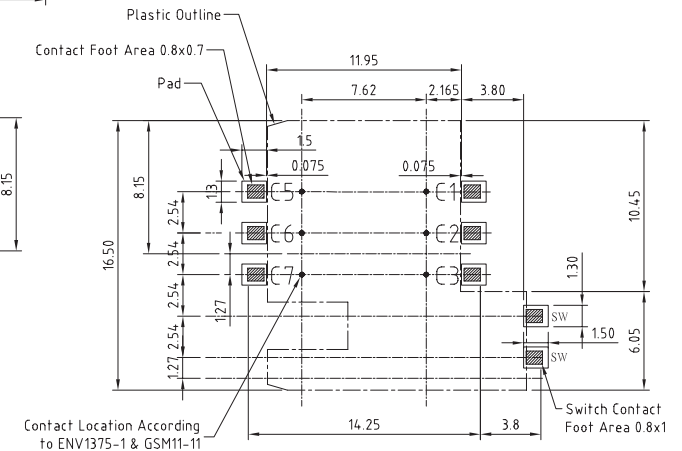
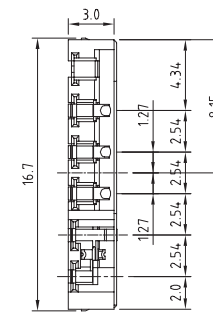
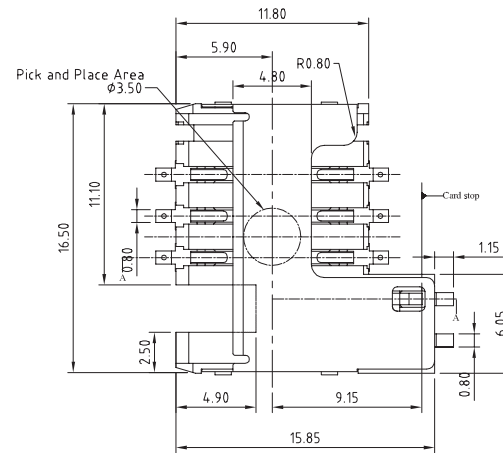
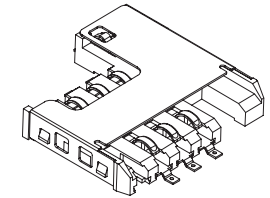
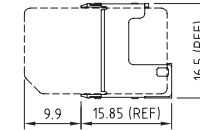
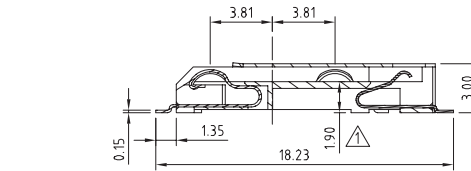
THERMAL SHOCK: -40°C ~ +85°C, 5 CYCLES

DAMP HEAT: 40°C, 90% RH, 500HR

SALT-MIST: 35°C, 5% NaCl, 48HR

NOTES:

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



RECOMMENDED PCB LAYOUT

HOW TO ORDER

C H 0 3 - A B 0 6 0 - 0 B R

NO. OF CONTACTS

PACKAGING OPTIONS
R = REEL
(700PCS/REEL)

REV. DATE & DRN
10 25/09/05-NYW RELEASE
11 27/09/06-NYW
12 25/09/06-NYW
13 25/09/06-NYW
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99 25/09/06-NYW
100 25/09/06-NYW

Scale: 3:1	THIRD ANGLE	Unstated Tolerances: 0 Dec Places 1 Dec Places 2 Dec Places 3 Dec Places	Material SEE NOTE
Drawn: NYW			
App'd: XXXX	Title SIM CARD ACCEPTOR	NOT TO SCALE	
Date: 25 OCT '10	Revision: 1.7	Unit: mm	

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Type: CH03-AB

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Drawing Number:

Sheet 1 of 2

Drawing C and O E