

CH03-BG

CUSTOMER PRODUCT SPECIFICATION SHEET

RoHS
Compliant

CH03-BG - SIM CARD HOLDER 6 OR 8 PINS

FEATURES

1. GENERAL CHARACTERISTICS

DIMENSIONS: 29.70L x 17.20W x 2.20H mm

WEIGHT: APPROX. 0.80g

CONTACT PRINCIPLE: FRICTION TECHNOLOGY

OPERATING POSITION: SHAFT UP / DOWN / HORIZONTAL

MOUNTING SYSTEM: SMT TYPE

DURABILITY: 10,000 CYCLES MIN.

2. MECHANICAL CHARACTERISTICS

INSULATION MATERIAL: THERMOPLASTIC, UL 94V-0

3. ELECTRICAL CHARACTERISTICS

NUMBER OF CONTACTS (OPTIONAL): 6, 8 PINS

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

INSULATION RESISTANCE: > 1000M OHMS / 500V DC

4. SOLDERABILITY

WAVE: NOT APPLICABLE

VAPORPHASE: 215°C, 30 SEC. MAX.

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

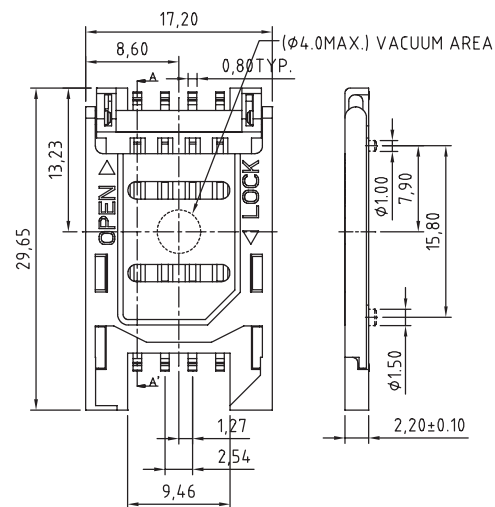
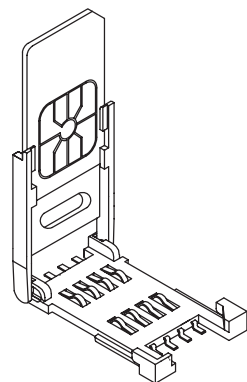

THERMAL SHOCK -40°C ~ +85°C, 5 CYCLES

DAMP HEAT: 40°C, 90% RH, 500 HR

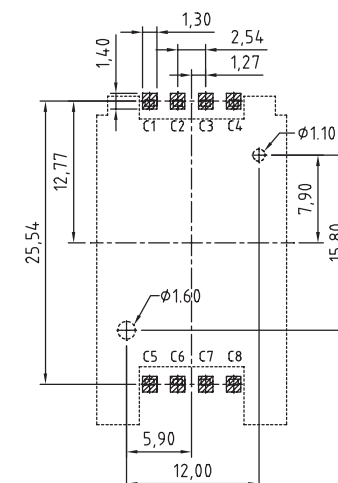
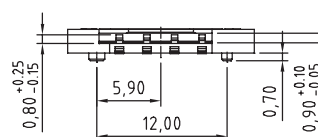
SALT MIST: 35°C, 5%, NaCl, 48 HR

NOTES:

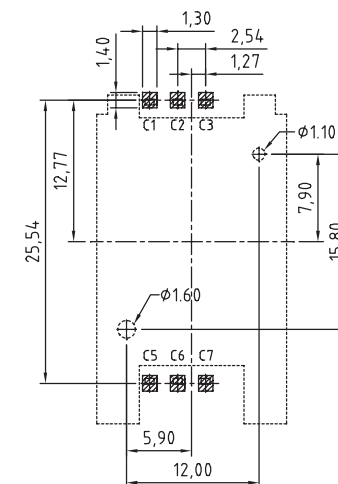
1. ACCEPTABLE SIM CARD SIZE SHOULD MEET GSM 11.11

SPECIFICATION REQUIREMENT. 

SECTION A-A'



8 PINS VERSION



6 PINS VERSION

RECOMMENDED PCB LAYOUT

HOW TO ORDER

C H 0 3

- B G X X 0

- 0 X R

NO. OF CONTACTS
06 OR 08WITH OR WITHOUT
LOCATING PEG

A = WITH

B = WITHOUT

 PACKAGING OPTIONS
R = REEL 
(600PCS/REEL)

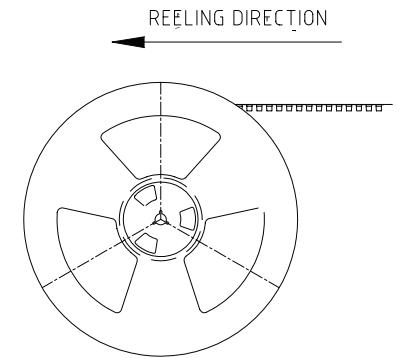
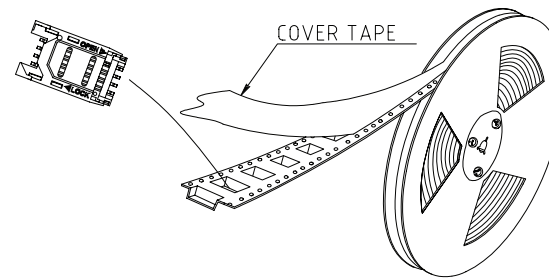
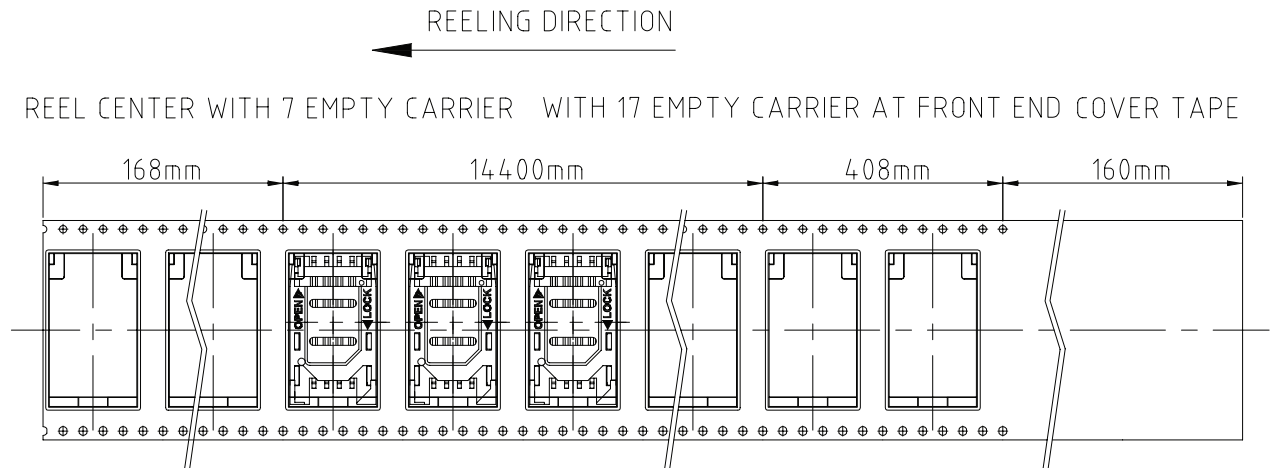
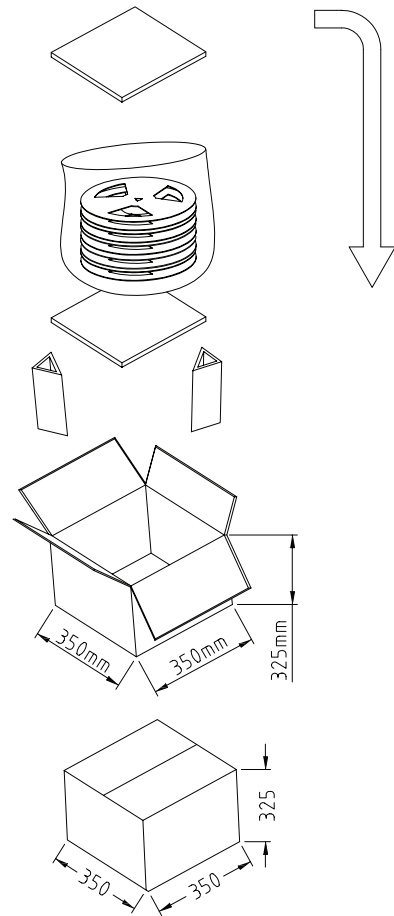
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CUSTOMER PRODUCT SPECIFICATION SHEET

RoHS
Compliant

CH03-BG - SIM CARD HOLDER 6 OR 8 PINS - PACKAGING DRAWING



- NOTES:
1. REEL DIA.: 33CM.
 2. 600PCS PER REEL, GROSS WEIGHT: 1.06KG.
 3. 6 REELS PER FULL CARTON, GROSS WEIGHT: 7.56KG.

REV. DATE & DRN
1.0 28/04/'09 - AE
PACKAGING DRAWING ADDED

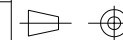
Scale: NTS

THIRD ANGLE

Unstated Tolerances:

Material
SEE NOTE

Drawn: AE



App'd: XXXX

Title: SIM CARD ACCEPTOR

NOT TO SCALE

Date: 28 APR '09

Revision: 1.0

Unit: mm



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Type: CH03-BK

CH03-BG

Drawing Number:

Sheet 2 of 2

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