

CH03-AL

CUSTOMER PRODUCT SPECIFICATION SHEET

RoHS
Compliant

CH03-AL - SIM CARD HOLDER, SLIDE IN TYPE, WITH HALF METAL COVER, WITHOUT SWITCH, 6 OR 8 PINS

FEATURES

1. GENERAL CHARACTERISTICS

DIMENSIONS: 16.30L x 16.40W x 1.80H mm

WEIGHT: APPROX. 0.45±0.1g

CONTACT PRINCIPLE: FRICTION TECHNOLOGY

MOUNTING SYSTEM: SMT TYPE WITHOUT POST

DURABILITY: 5,000 CYCLES MIN.

2. MECHANICAL CHARACTERISTICS

INSULATION MATERIAL: THERMOPLASTIC, UL 94V-0

CONTACT MATERIAL: PHOSPHER BRONZE

CONTACT PLATING : GOLD FLASH OVER NICKEL

METAL SHELL MATERIAL: SUS304

3. ELECTRICAL CHARACTERISTICS

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

INSULATION RESISTANCE: > 1000M OHMS / 500V DC

RATED CURRENT: 1A MAX, 10uA MIN.

RATED VOLTAGE: 50V MAX.

WITHSTANDING DIELECTRIC VOLTAGE: 500V 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

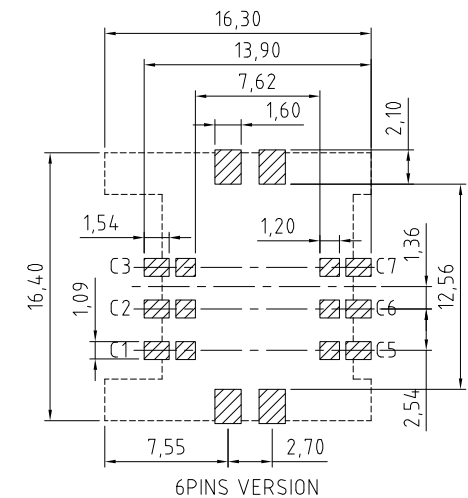
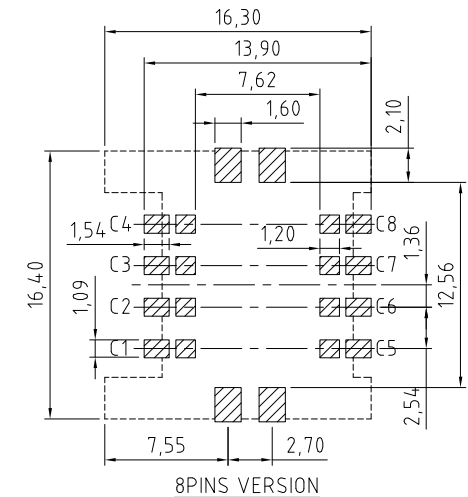
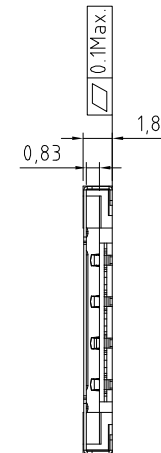
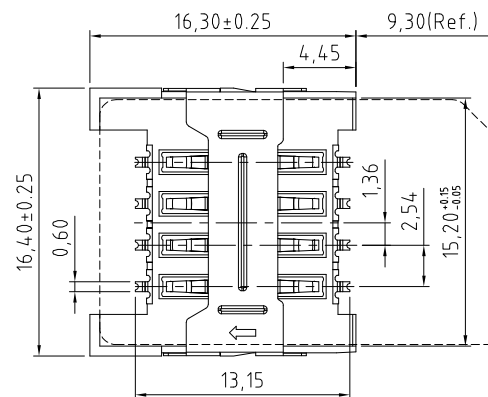
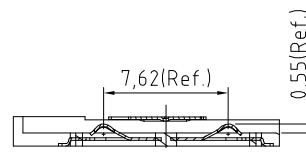
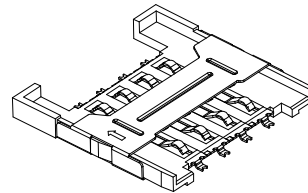
DAMP HEAT: 40°C, 90% RH, 240HR

SALT-MIST: 35°C, 5% NaCl, 24HR

NOTES:

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

2. PACKAGING: 1,000PCS/REEL.



HOW TO ORDER

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

NO. OF CONTACTS:
06 OR 08COMPONENT SIDE (TOLERANCE: ±0.05)
RECOMMENDED PCB LAYOUTREV. DATE & DRN
1.0 21/12/11 - NYW RELEASE

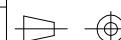
Scale: 3:1

Drawn: NYW

App'd: XXXX

Date: 21 DEC. '11

THIRD ANGLE



Title SIM CARD ACCEPTOR

Revision: 1.0

Unstated Tolerances:
X. ±0.35
.X ±0.25
XX ±0.15
XXX ±0.10Material
SEE NOTE

NOT TO SCALE

Unit: mm

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Type: CH03-AL

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Drawing Number:

Sheet 1 of 2

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