



**SPECIFICATIONS:**

1. ELECTRICAL CHARACTERISTICS:
  - 1-1. RATING: 15V 1.2A
  - 1-2. CONTACT RESISTANCE: 30mΩ MAX.(INITIAL)
  - 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC FOR ONE MINUTE.
  - 1-4. INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC
2. LIFE TEST: 5,000 CYCLES
3. AFTER LIFE TEST, CONTACT RESISTANCE: 40mΩ MAX.
4. AFTER HUMIDITY TEST, INSULATION RESISTANCE: 50MΩ MIN.
5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
6. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT
7. HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON PACKAGING
8. CIRCUIT DIAGRAM FOR DETECT SWITCH:

- DETECT CARD INSERT : SWITCH OFF → GND OPEN
- COMMON(GND) CARD NOT INSERT : SWITCH ON → GND SHORT
- 9. SALT SPRAY : 72H

RECOMMENDED PCB LAYOUT(TOP VIEW)  
(TOLERANCE: ±0.05)

| NO | DESCRIPTION | QTY | MATERIAL                         | PLATING & COLOR                                             |
|----|-------------|-----|----------------------------------|-------------------------------------------------------------|
| E  | SHELL       | 1   | STAINLESS STEEL, 0.15T           | GOLD FLASH ON SOLDER TAIL AREA;<br>ALL OVER IN 50μ" PLATING |
| D  | DETECT      | 1   | COPPER ALLOY, 0.15T              | 40 50" ON CONTACT AREA;<br>GOLD FLASH ON SOLDER TAIL AREA;  |
| C  | COMMON(GND) | 1   | COPPER ALLOY, 0.15T              | ALL OVER IN 50μ" PLATING                                    |
| B  | CONTACT     | 6   | COPPER ALLOY, 0.15T              |                                                             |
| A  | BODY        | 1   | HIGH TEMP THERMOPLASTIC UL 94V-0 | BLACK                                                       |

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS: ANGLES:

X : ±0.5 X : ±2°  
X.X : ±0.3 X.X : ±1°  
X.XX : ±0.2

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**MICRO SIM CARD**

DWG HM-JIANG PART NO. 2SM3016-009111F  
CHKD BRUCE SCALE: 4:1 UNIT: mm  
APVD LUSSEN SIZE: A3 SHEET: 1 OF 1 REV: A

CUSTOMER COPY

