

**TECHNICAL CHARACTERISTICS**

**1. General Characteristics**

Dimension: 14.35L x 11.50W x 1.50H mm  
 Weight: Approx. g  
 Contact principle: Friction technology  
 Operating position: Shaft up / Down / Horizontal  
 Mounting System: SMT Type (sink 1.08 mm)  
 Function: With Tray and Push Pull Type  
 Durability: 3,000 cycles min.

**2. Mechanical Characteristics**

Insulation material: Thermoplastic, UL 94V-0  
 RoHS Directive 2011/65/EU Compliant

**3. Electrical Characteristics**

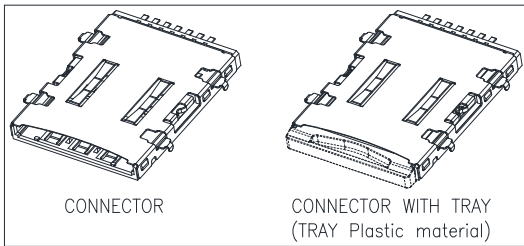
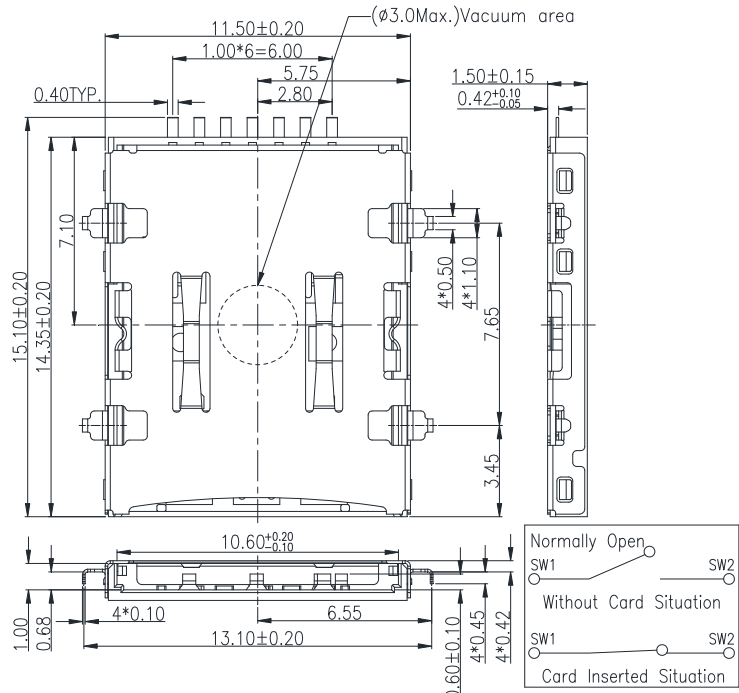
Number of contacts: 6 pins  
 Contact resistance: 100 mΩ max.  
 Insulation resistance: >1000 MΩ / 500 VDC  
 Switch type: Blade  
 Operation: Normally Open

**4. Solderability**

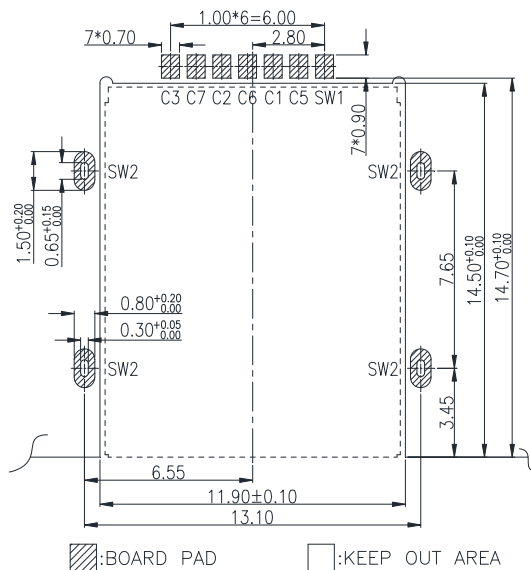
Wave: Not applicable  
 IR reflow: 260°C, 10 sec. Max.  
 Manual soldering: 360°C, 3 sec. Max.

**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



Unit: mm; Tolerances: ±0.15 mm  
**Mechanical outline dimension**



Unit: mm; Tolerances: ±0.05 mm  
**Reference dimension for PCB layout**

Note:

1. Coplanarity of solder pins 0.10mm max.
2. Recommended thickness of solder paste > 0.15mm.

**H&V Nano SIM Card Connector**

**Model No.: ICC-N05**

**Revision: 0.9      Date: MAR. 18, 2016**

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