

NDS Compliant

TECHNICAL CHARACTERISTICS

1. General Characteristics

Dimension: 16.15L x 16.90W x 2.60H mm
 Weight: Approx. 0.85 g
 Contact principle: Friction technology
 Operating position: Shaft up / Down / Horizontal
 Mounting System: SMT Type (without post)
 Durability: 5,000 cycles min.

2. Mechanical Characteristics

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

3. Electrical Characteristics

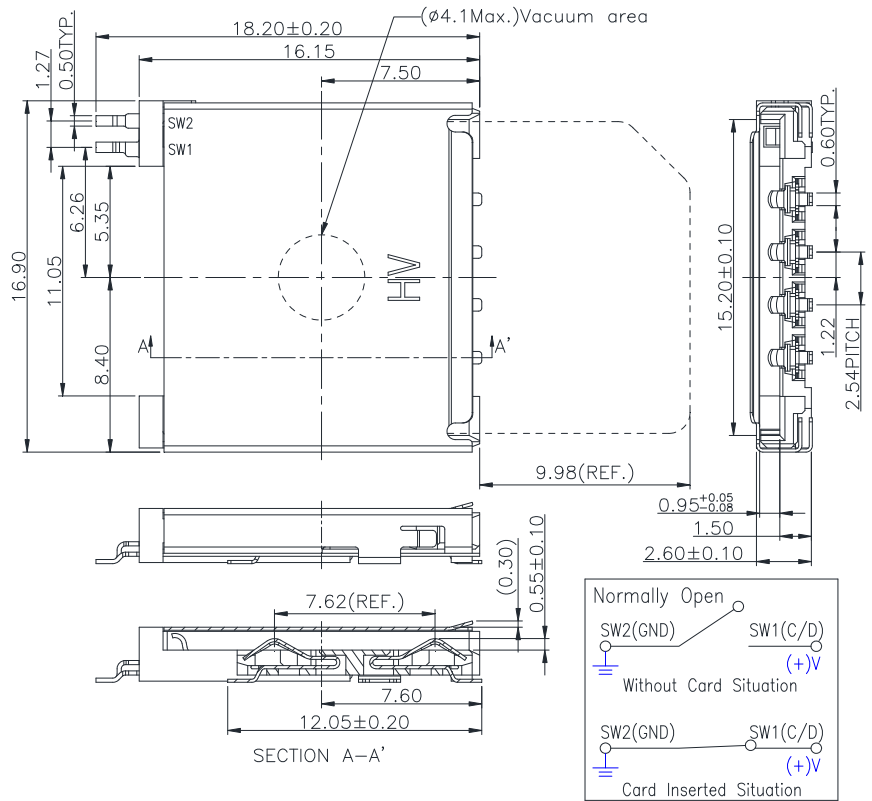
Number of contacts: 8 pins
 Contact resistance: 50 mΩ typical, 100 mΩ max.
 Insulation resistance: >1000 MΩ / 500 VDC
 Switch type: Blade
 Operation: Normally Open

4. Solderability

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

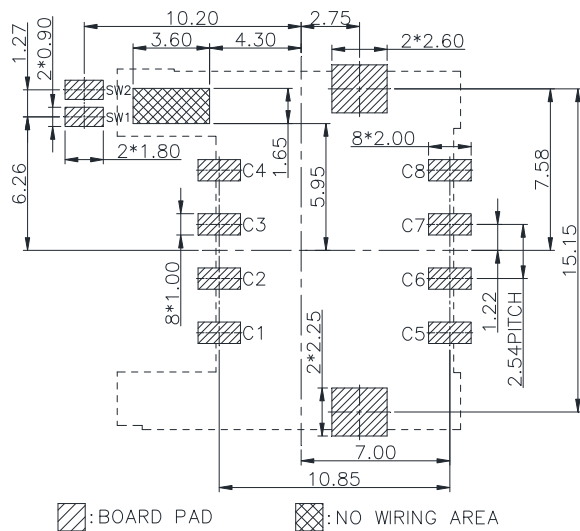
5. Environmental Characteristics

Operating temperature: - 40°C ~ + 90°C
 Operating humidity: 10 % ~ 95 % RH
 Storage temperature: - 40°C ~ + 90°C
 Storage humidity: 10 % ~ 95 % RH



※Metal cover can't be pressed. Must keep 0.1 mm min. gap above cover.

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



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

Note:

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

H&V SIM Card Connector

Model No.: ICC-321

Revision: 1.0

Date: MAY 08, 2015