

TECHNICAL CHARACTERISTICS

1. General Characteristics

Dimension: 22.60L x 15.49W x 2.05H mm
 Weight: Approx. 1.02 g
 Contact principle: Friction technology
 Operating position: Shaft up / Down / Horizontal
 Mounting System: SMT Type (with post)
 Function: With Tray and Push Pull Type (Tray exclude)
 Durability: 3,000 cycles min.

2. Mechanical Characteristics

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

3. Electrical Characteristics

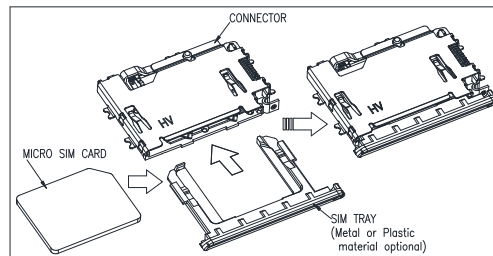
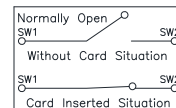
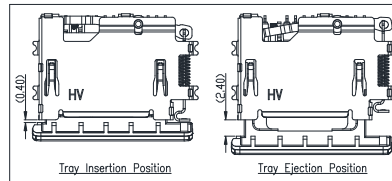
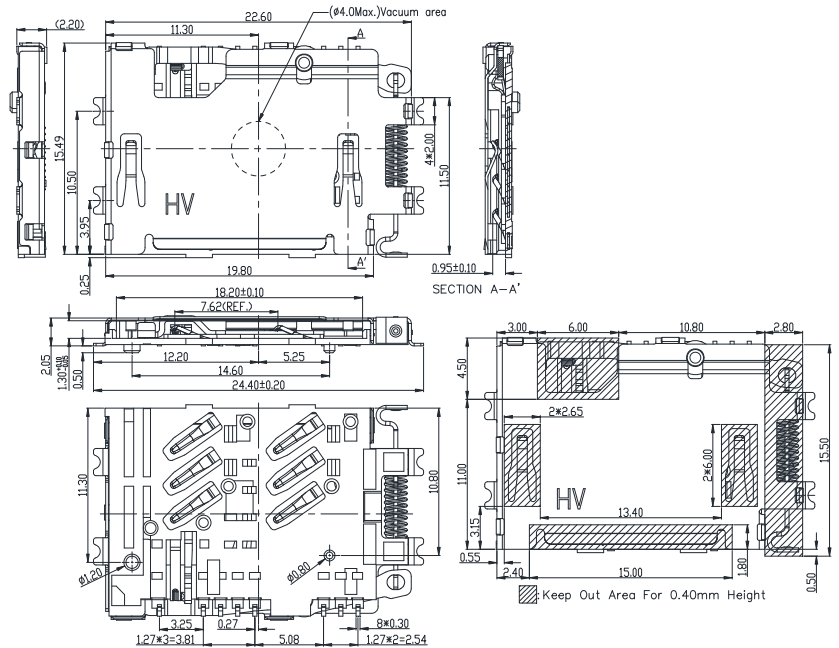
Number of contacts: 6 pins
 Contact resistance: 50 mΩ typical, 100 mΩ max.
 Insulation resistance: >1000 MΩ / 500 VDC
 Switch type: Blade
 Operation: Normally Open

4. Solderability

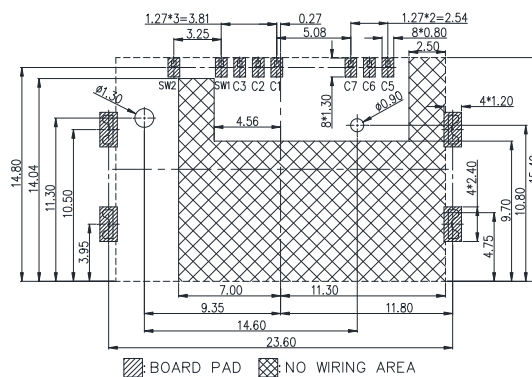
Wave: Not applicable
 IR reflow: 260°C, 10 sec. Max.
 Manual soldering: 360°C, 3 sec. Max.

5. Environmental Characteristics

Operating temperature: - 40°C ~ + 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:

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

H&V Micro SIM Card Connector

Model No.: ICC-M09

Revision: 1.0

Date: MAY 01, 2014