

## TECHNICAL CHARACTERISTICS

### 1. General Characteristics

Dimension: 15.85L x 16.50W x 3.00H mm  
 Weight: Approx. 0.72 g  
 Contact principle: Friction technology  
 Operating position: Shaft up / Down / Horizontal  
 Mounting System: SMT Type (without post)  
 Durability: 10,000 cycles min.

### 2. Mechanical Characteristics

Insulation material: Thermoplastic, UL 94V-0  
 RoHS Directive 2002/95/EC Compliant

### 3. Electrical Characteristics

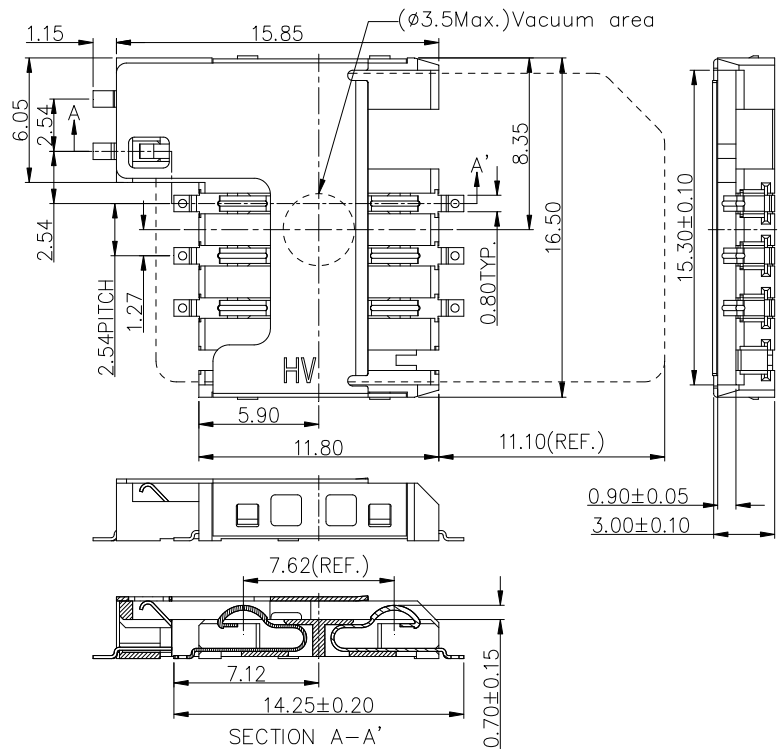
Number of contacts: 6 pins  
 Contact resistance: 50 mΩ typical, 100 mΩ max.  
 Insulation resistance: >1000 MΩ / 500 VDC  
 Switch type: Blade  
 Operation: Normally Open

### 4. Solderability

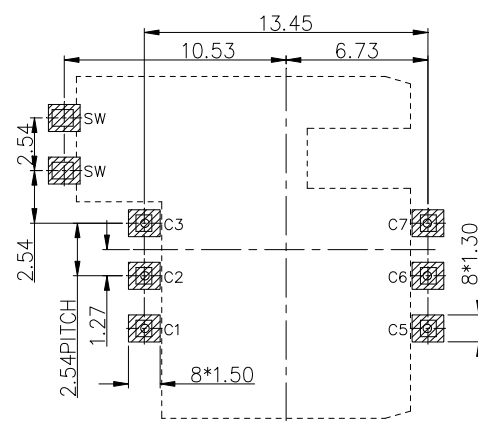
Wave: Not applicable  
 IR reflow: 260°C, 10 sec. Max.  
 Manual soldering: 360°C, 3 sec. Max.

### 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**

**H&V SIM Card Connector**

**Model No.: ICC-313**

**Revision: 1.7**

**Date: JAN. 01, 2011**