

**TECHNICAL CHARACTERISTICS**

**1. General Characteristics**

Dimension: 27.55L x 18.70W x 1.90H mm  
 Weight: Approx. 1.02 g  
 Contact principle: Friction technology  
 Operating position: Shaft up / Down / Horizontal  
 Mounting System: SMT Type (without post)  
 Function: Push Push Type  
 Durability: 5,000 cycles min.

**2. Mechanical Characteristics**

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

**3. Electrical Characteristics**

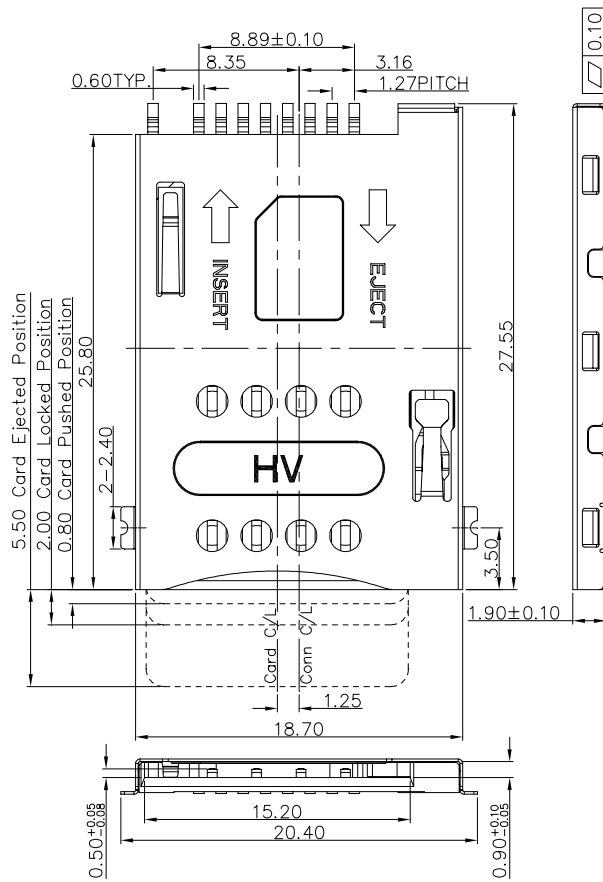
Number of contacts: 6, 8 pins (optional)  
 Contact resistance: 50 mΩ typical, 100 mΩ max.  
 Insulation resistance: >1000 MΩ / 500 VDC  
 Switch type: Blade  
 Operation: Normally Close

**4. Solderability**

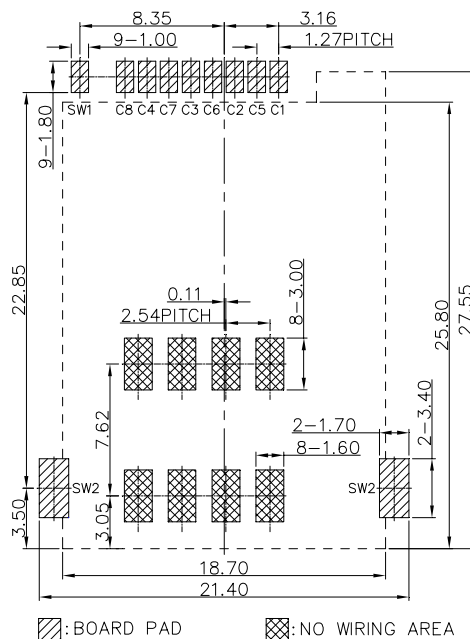
Wave: Not applicable  
 IR reflow: 260°C, 10 sec. Max.  
 Manual soldering: 360°C, 3 sec. Max.

**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 Acceptor**

**Model No.: ICA-568 8Pin**

**Revision: 0.9**

**Date: AUG. 06, 2007**