

EMV & NDS Compliant

TECHNICAL CHARACTERISTICS

1. General Characteristics

Dimension: 56.00L x 31.10W x 3.65H mm
Weight: Approx. 5.95 g
Contact principle: Friction technology
Operating position: Shaft up / Down / Horizontal
Mounting System: SMT Type (with post)
Durability: 100,000 cycles min.

2. Mechanical Characteristics

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

3. Electrical Characteristics

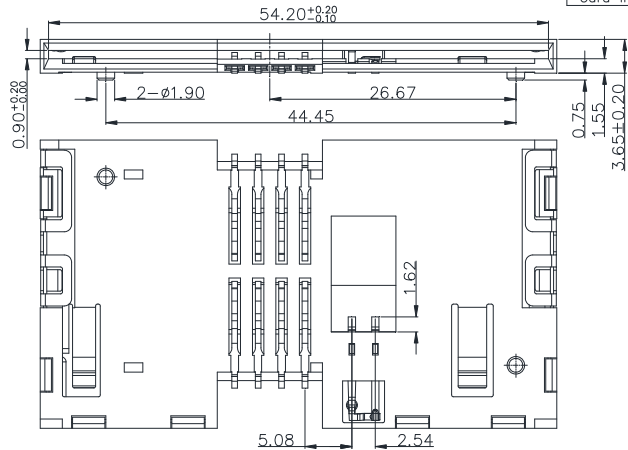
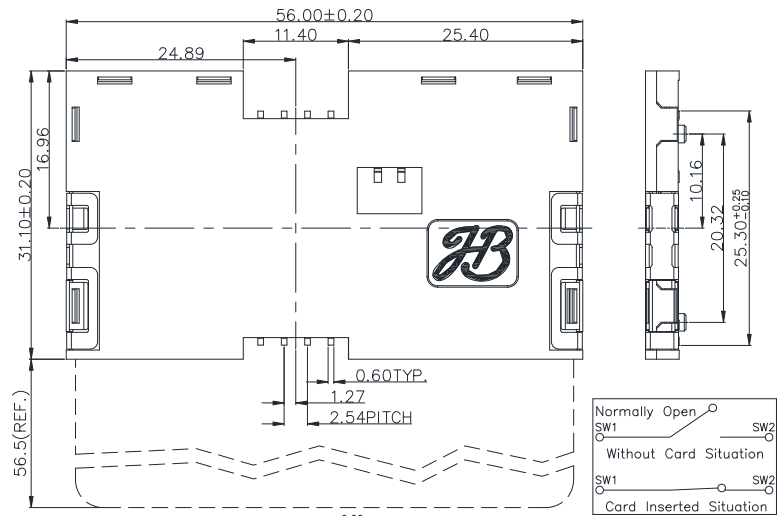
Number of contacts: 8 pins
Contact resistance: 50 mΩ typical, 100 mΩ max.
Insulation resistance: >1000 MΩ / 500 VDC
Switch type: Blade
Operation: Normally Open

4. Solderability

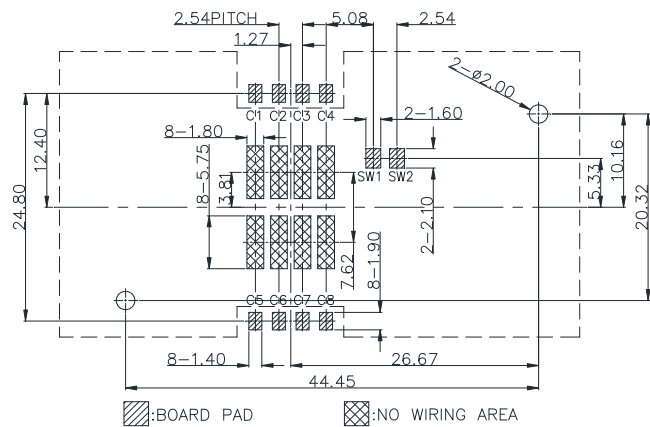
Wave: Not applicable
IR reflow: 260°C, 10 sec. Max.
Manual soldering: 360°C, 3 sec. Max.

5. Environmental Characteristics

Operating temperature: - 40°C ~ + 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.

HB Smart Card Acceptor

Model No.: ICA-617 Type1

Revision: 1.2

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For further information, please contact:

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