

EMV Compliant

TECHNICAL CHARACTERISTICS

1. General Characteristics

Dimension: 55.50L x 40.00W x 5.80H mm

Weight: Approx. 10.5 g

Contact principle: Friction technology

Operating position: Shaft up / Down / Horizontal

Mounting System: DIP or 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: 260C, 10 sec. Max.

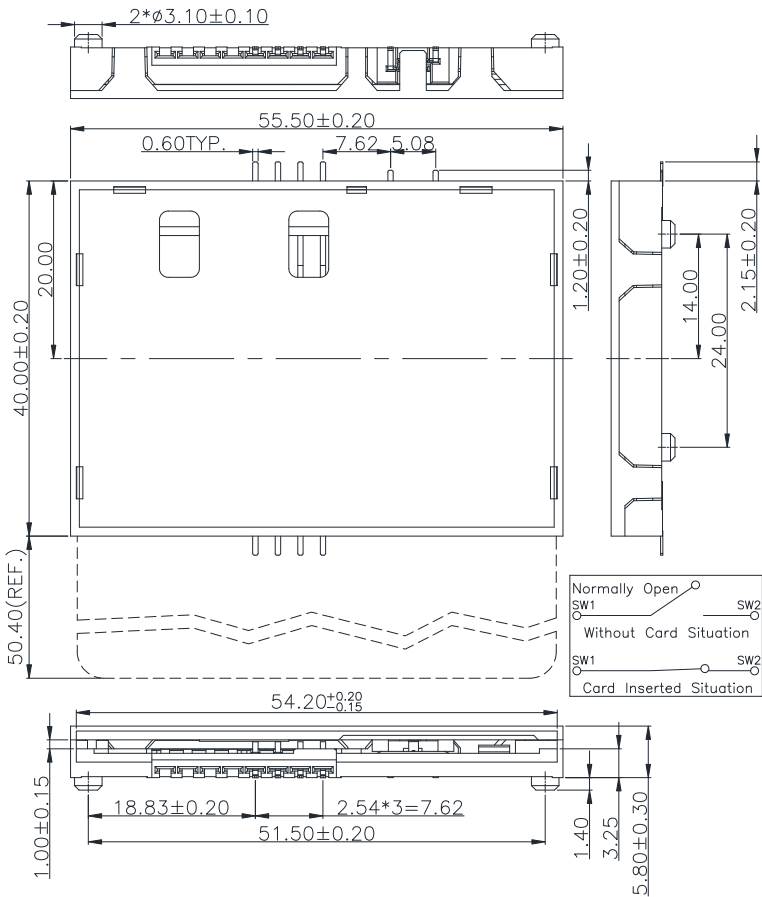
Manual soldering: 360C, 3 sec. Max.
5. Environmental Characteristics

Operating temperature: - 40C ~ + 85C

Operating humidity: 10 % ~ 95 % RH

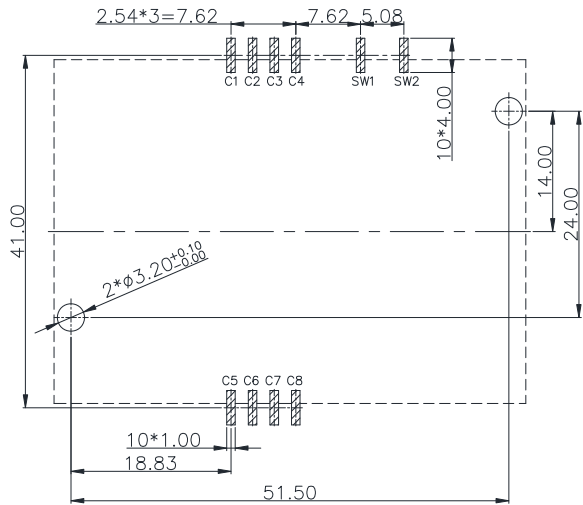
Storage temperature: - 40C ~ + 85C

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.

Smart Card Acceptor

Model No.: ICA-608 SMT Long Pin

Revision: 1.9

Date: NOV. 05, 2014