

EMV & NDS Compliant

TECHNICAL CHARACTERISTICS

1. General Characteristics

Dimension: 62.00L x 40.00W x 13.50H mm

Standoff H= 7.35 mm

Weight: Approx. 14.5 g

Contact principle: Friction technology

Operating position: Shaft up / Down / Horizontal

Mounting System: Thru-Hole with snap-in lock

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 Close

4. Solderability

Wave: 260 C, 5 sec. Max.

IR reflow: Not applicable

Manual soldering: 360 C, 3 sec. Max.

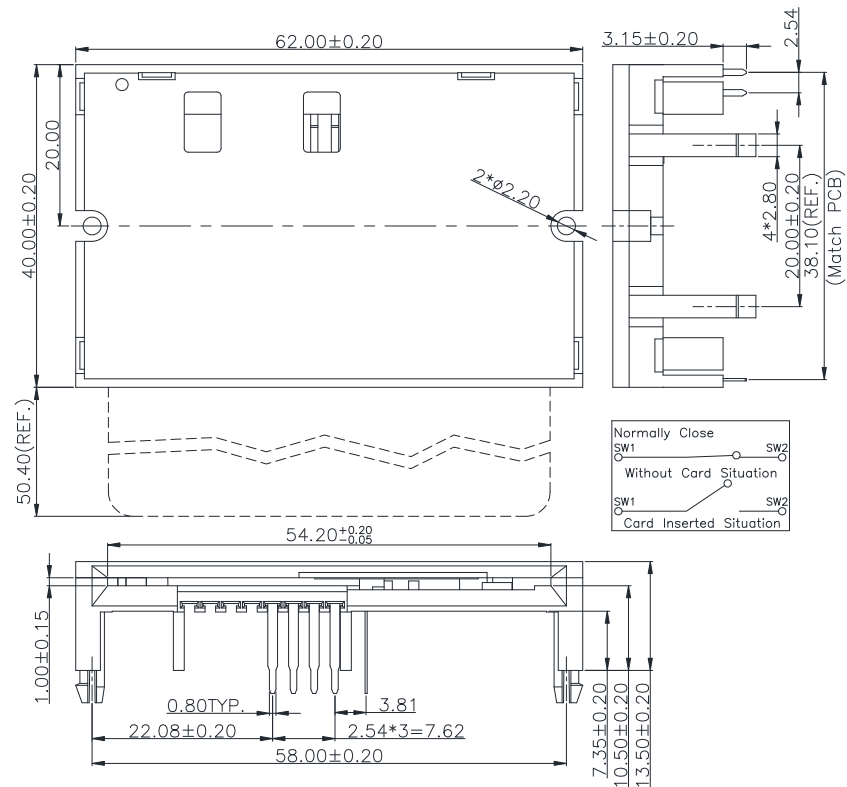
5. Environmental Characteristics

Operating temperature: - 40 C ~ + 85 C

Operating humidity: 10 % ~ 95 % RH

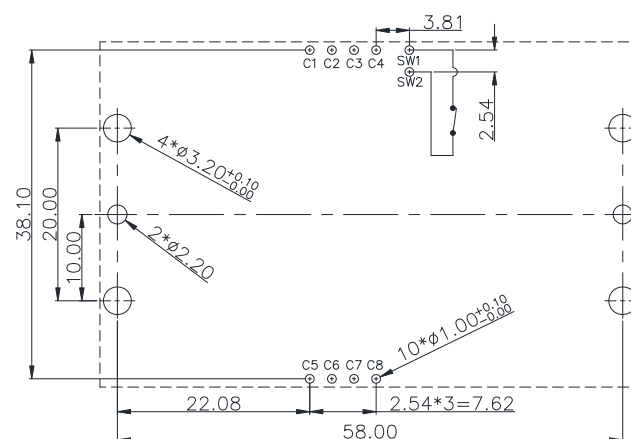
Storage temperature: - 40 C ~ + 85 C

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

Smart Card Acceptor

Model No.: ICA-623

Revision: 1.3

Date: MAY 01, 2014