

## EMV Compliant

### TECHNICAL CHARACTERISTICS

#### 1.General Characteristics

Dimensions: 62.00L x 40.00W x 6.25H mm

Weight: Approx. 6.5g

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

#### 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 or Close

#### 4. Solderability

Wave: 260°C, 5 sec.

Vaporphase: Not applicable

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

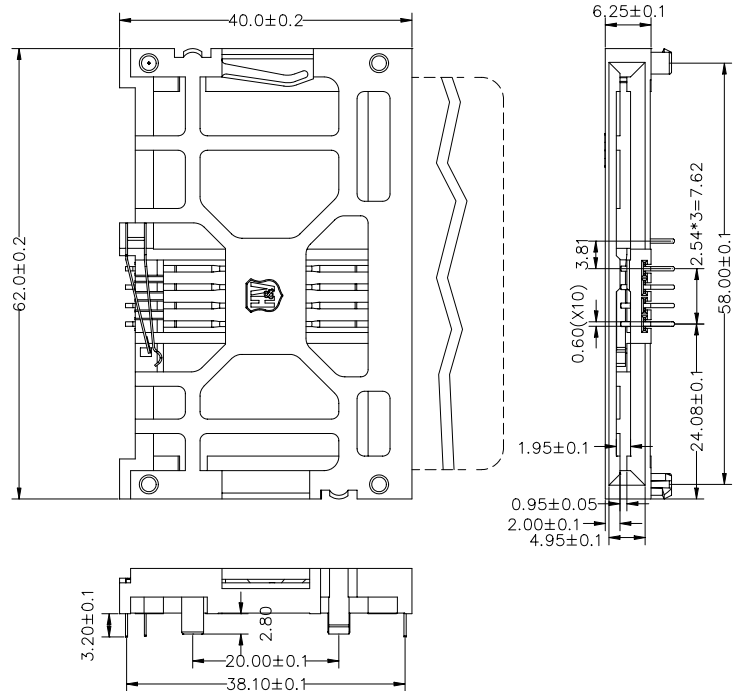
Storage temperature: - 40°C ~ + 85°C

Storage humidity: 10 % ~ 95 % RH

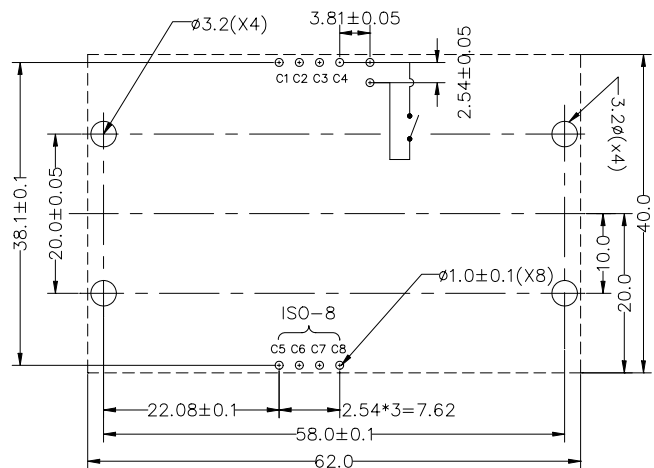
Thermal shock: - 40°C ~ + 85°C, 5 cycles

Damp Heat: 40°C, 90 % RH, 500HR.

Salt-mist: 35°C, 5%, NaCl , 48HR.



Unit: mm; Tolerances: ±0.10mm  
Mechanical outline dimension



Unit: mm; Tolerances: ±0.10mm  
Reference dimension for PCB layout

H&V Smart Card Acceptor

Model No.: ICA-609 NO

Revision: 1.1

Date: DEC. 01, 2003

For further information, please contact:

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