

EMV & NDS Compliant Normal & Reverse Type

TECHNICAL CHARACTERISTICS

1. General Characteristics

Dimensions: 62.00L x 48.00W x 8.15H mm
62.00L x 48.00W x 8.70H mm

Standoff H= 0.00, 0.55 mm

Weight: Approx. 14.8 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: 16 pins (two rows)

Contact resistance: 50 mΩ typical, 100 mΩ max.

Insulation resistance: >1000 MΩ / 500 VDC

Switch type: Blade (both side)

Operation: Normally Close

4. Solderability

Wave: 260°C, 5 sec. Max.

IR reflow: Not applicable

Manual soldering: 360°C, 3 sec. Max.

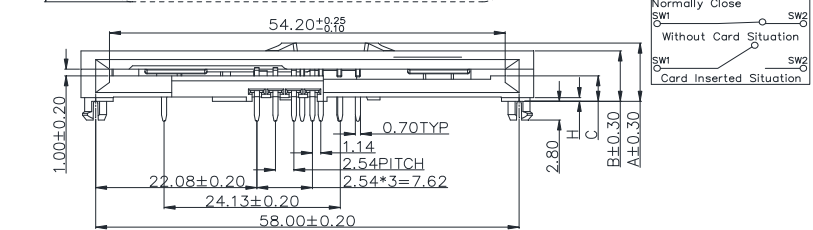
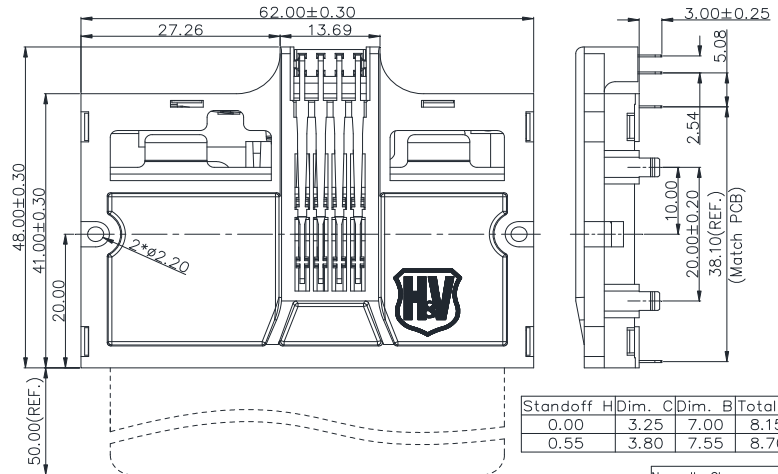
5. Environmental Characteristics

Operating temperature: - 40°C ~ + 85°C

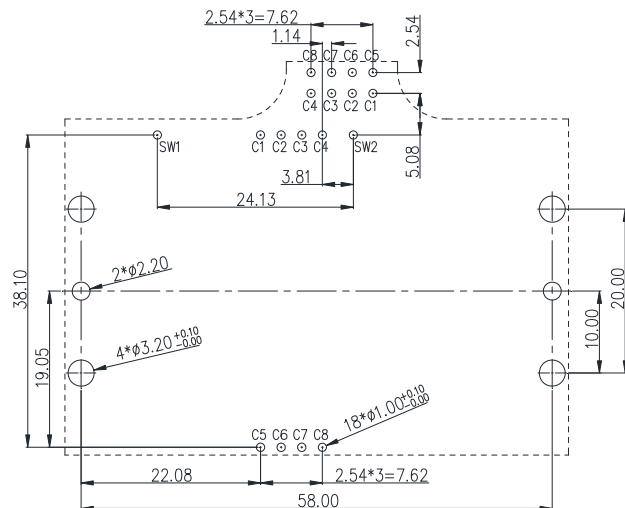
Operating humidity: 10 % ~ 95 % RH

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

H&V Smart Card Acceptor

Model No.: ICA-612

Revision: 1.3

Date: MAY 01, 2014