

EMV & NDS & PCI Compliant Reverse Type

TECHNICAL CHARACTERISTICS

1. General Characteristics

Dimensions: 61.10L x 40.00W x 5.90H mm
 61.10L x 40.00W x 7.80H mm
 61.10L x 40.00W x 8.90H mm
 61.10L x 40.00W x 10.65H mm
 61.10L x 40.00W x 11.45H mm

Standoff H= 0.00, 1.90, 3.00, 4.75, 5.55 mm

Weight: Approx. 8.5 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 2002/95/EC Compliant

3. Electrical Characteristics

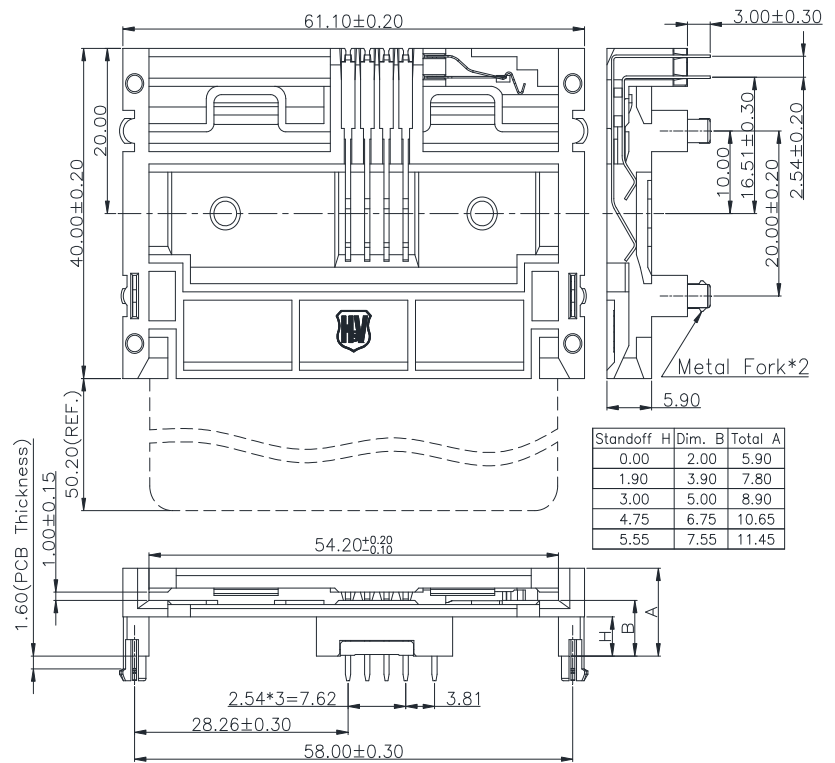
Number of contacts: 8 pins
 Contact resistance: 50 mΩ typical, 100 mΩ max.
 Insulation resistance: >1000 MΩ / 500 VDC
 Switch type: Blade
 Operation: Normally Close

4. Solderability

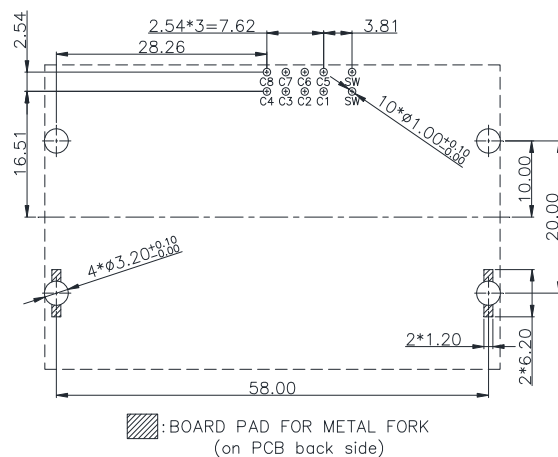
Wave: 260°C, 5 sec. Max.
 IR reflow: Not applicable
 Manual soldering: 360°C, 3 sec. Max.

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

H&V Smart Card Acceptor

Model No.: ICA-611

Revision: 1.2

Date: OCT. 13, 2011