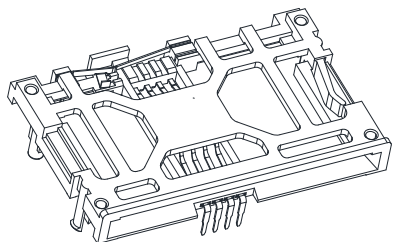




**ALTERNATIVE
COMPONENT
SOURCE**

a Major League Electronics Company

2533 Centennial Blvd. Jeffersonville, Indiana, USA 47130



EMV & NDS Compliant

TECHNICAL CHARACTERISTICS

1. General Characteristics

Dimensions: 62.00L x 40.50W x 6.80H mm

62.00L x 40.50W x 9.40H mm

62.00L x 40.50W x 9.75H mm

62.00L x 40.50W x 11.80H mm

Standoff H= 0.55, 3.15, 3.50, 5.55 mm

Weight: Approx. 7.3 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 (both side)

Operation: Normally Close

4. Solderability

Wave: 260 C, 5 sec. Max.

IR reflow: Not applicable

Manual soldering: 360 C, 3 sec. Max.

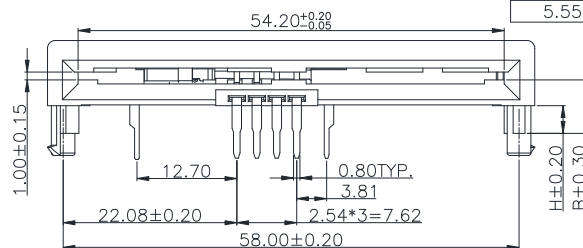
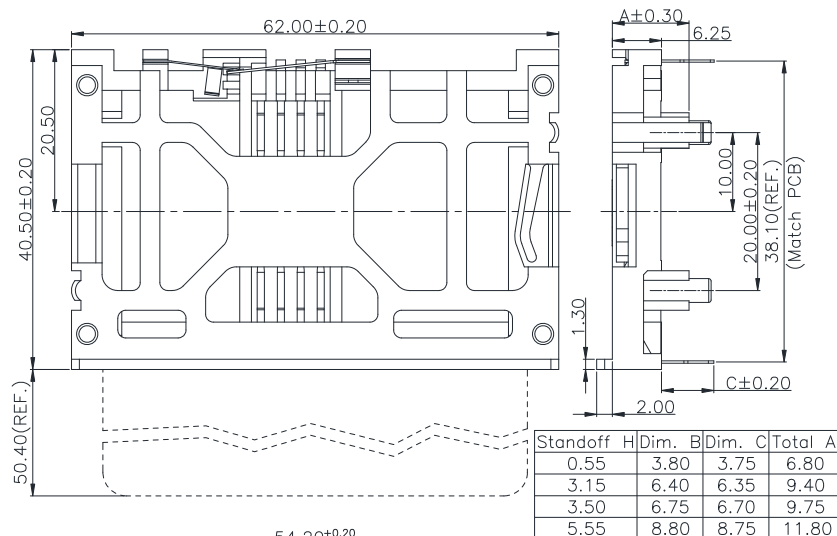
5. Environmental Characteristics

Operating temperature: - 40 C ~ + 85 C

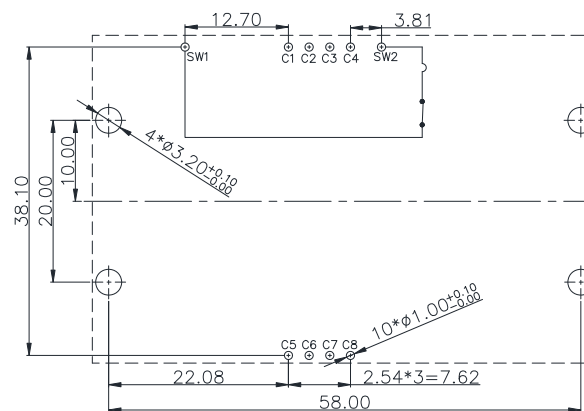
Operating humidity: 10 % ~ 95 % RH

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

Smart Card Acceptor

Model No.: ICA-659 Type1

Revision: 1.5

Date: OCT. 22, 2014