

TECHNICAL CHARACTERISTICS

1. General Characteristics

Dimension: 29.65L x 17.20W x 2.00H mm

Weight: Approx. 0.75 g

Contact principle: Friction technology

Operating position: Shaft up / Down / Horizontal

Mounting System: SMT Type (post optional)

Durability: 10,000 cycles min.

2. Mechanical Characteristics

Insulation material: Thermoplastic, UL 94V-0

RoHS Directive 2002/95/EC Compliant

3. Electrical Characteristics

Number of contacts: 6, 8 pins (optional)

Contact resistance: 50 mΩ typical, 100 mΩ max.

Insulation resistance: >1000 MΩ / 500 VDC

Switch type: Blade, Normally Open

4. Solderability

Wave: Not applicable

IR reflow: 260°C, 10 sec. Max.

Manual soldering: 360°C, 3 sec. Max.

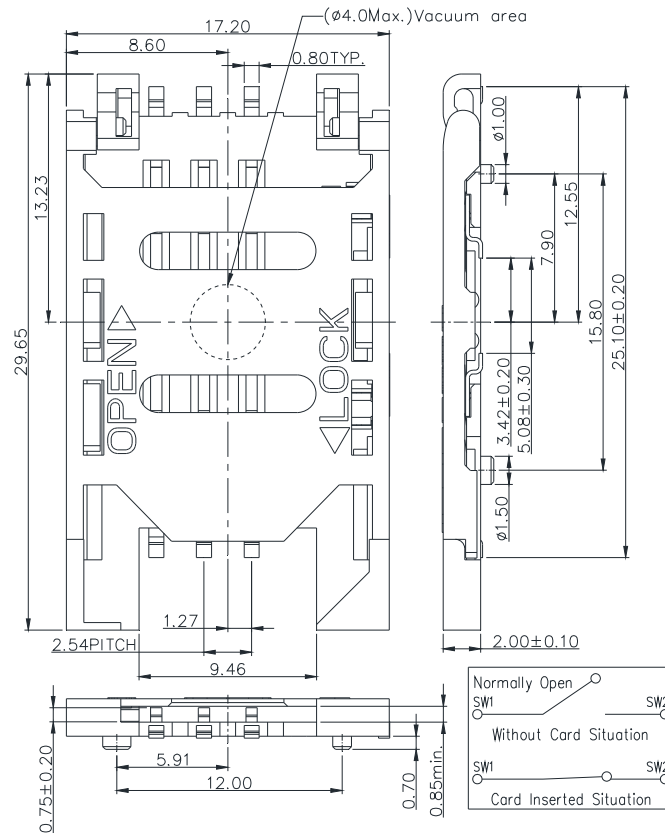
5. Environmental Characteristics

Operating temperature: -40°C ~ +85°C

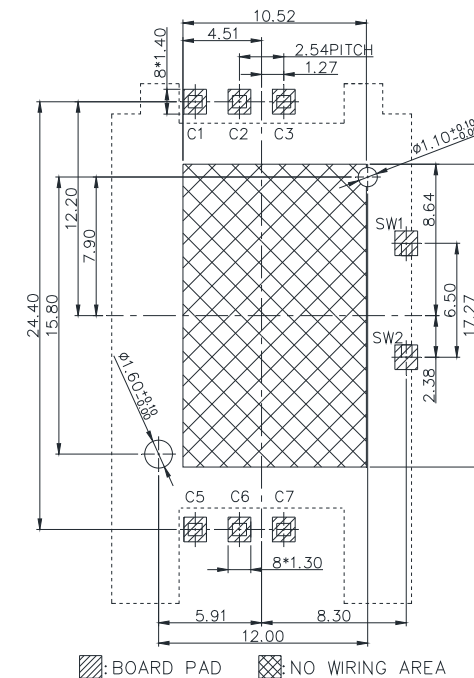
Operating humidity: 10% ~ 95% RH

Storage temperature: -40°C ~ +85°C

Storage humidity: 10% ~ 95% RH



Unit: mm; Tolerances: ± 0.15 mm
Figure 5.1 Mechanical outline dimension



Unit: mm; Tolerances: ± 0.05 mm
Figure 5.2 Reference dimension for PCB layout

Note:

1. Coplanarity of solder pins 0.10mm max.
2. Recommended thickness of solder paste > 0.15mm.

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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm SCALE 1 : 1

DATE

SIZE A4

TOLERANCES ARE

X, \pm

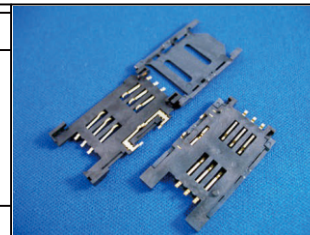
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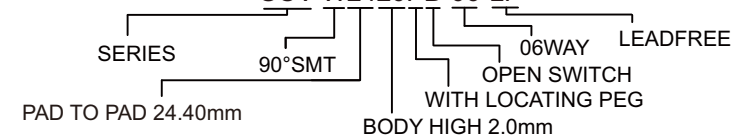
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PJECTION



ORDER INFORMATION

SCV-W2420PB-06-LF



DESCRIPTION: