

## TECHNICAL CHARACTERISTICS

### 1. General Characteristics

Dimension: 29.65L x 17.20W x 3.00H mm

Weight: Approx. 1.40 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.

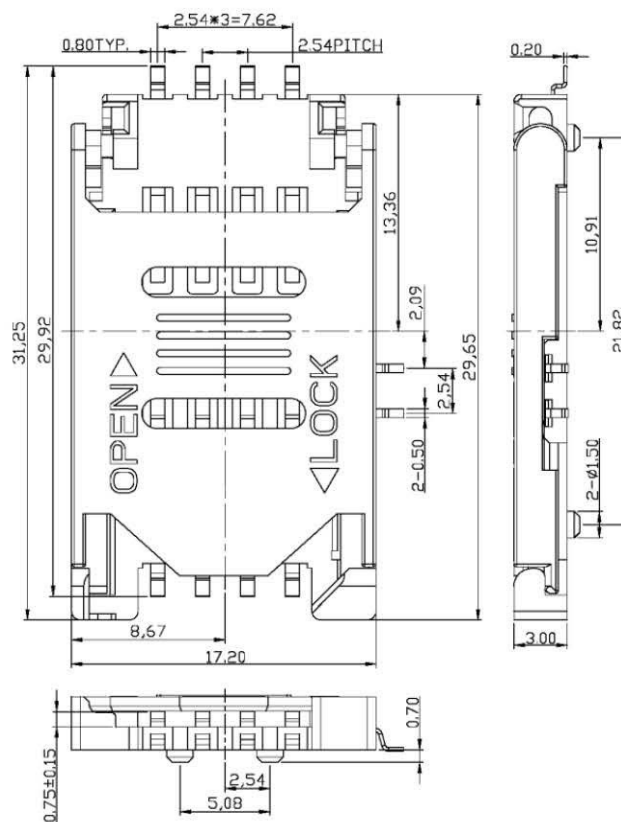
### 5. Environmental Characteristics

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

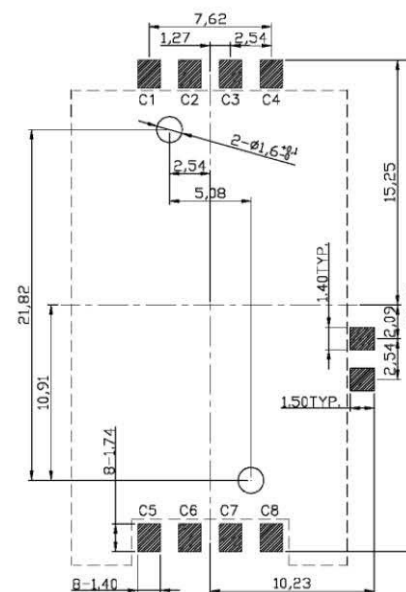
Operating humidity: 10 % ~ 95 % RH

Storage temperature: - 40°C ~ + 85°C

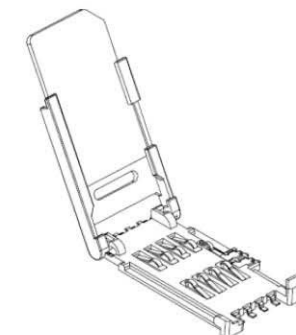
Storage humidity: 10 % ~ 95 % RH



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



Unit: mm; Tolerances: ±0.15 mm  
Reference dimension for PCB layout



RoHS Compliant

**All Connectors**

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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm SCALE 1 : 1

DATE

SIZE A4

TOLERANCES ARE

X ±

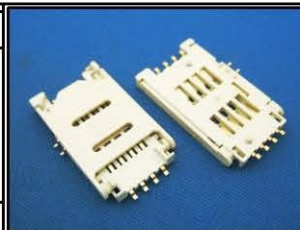
.X ±

.XX ±

.XXX ±

ANG ±

PJECTION



ORDER INFORMATION

SCV-W2830PB-08-LF

SERIES | | | | LEADFREE

90°SMT | | | | 08WAY

PAD TO PAD 28.18mm | | | | OPEN SWITCH

WITH LOCATING PEG  
HIGH 3.0mm

DESCRIPTION: