

## TECHNICAL CHARACTERISTICS

### 1. General Characteristics

Dimension: 24.00L x 18.75W x 2.75H mm  
 Weight: Approx. 0.98 g  
 Contact principle: Friction technology  
 Operating position: Shaft up / Down / Horizontal  
 Mounting System: SMT Type (without post)  
 Durability: 50,000 cycles min.

### 2. Mechanical Characteristics

Insulation material: Thermoplastic, UL 94V-0  
 RoHS Directive 2002/95/EC Compliant

### 3. Electrical Characteristics

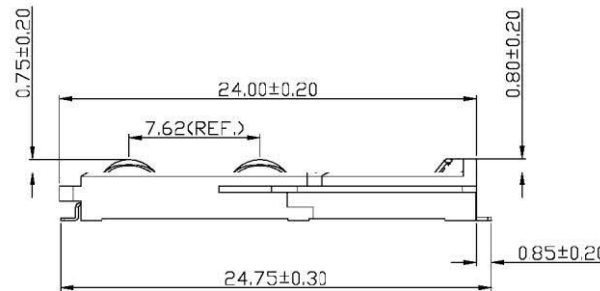
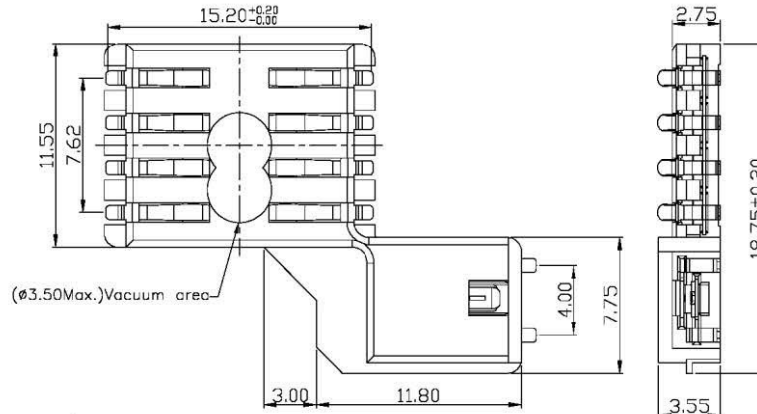
Number of contacts: 8 pins  
 Contact resistance: 50 mΩ typical, 100 mΩ max.  
 Insulation resistance: >1000 MΩ / 500 VDC  
 Switch type: Blade  
 Operation: Normally Open

### 4. Solderability

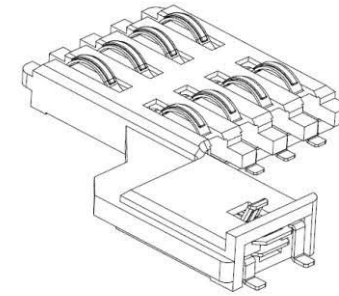
Wave: Not applicable  
 IR reflow: 260°C, 10 sec. Max.  
 Manual soldering: 360°C, 3 sec. Max.

### 5. Environmental Characteristics

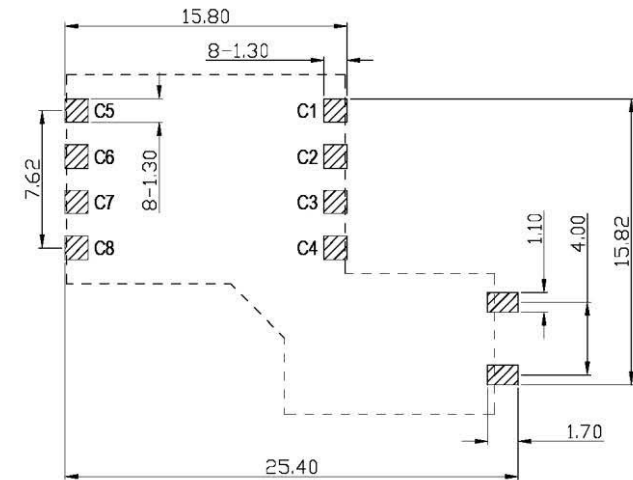
Operating temperature: - 40°C ~ + 85°C  
 Operating humidity: 10 % ~ 95 % RH  
 Storage temperature: - 40°C ~ + 85°C  
 Storage humidity: 10 % ~ 95 % RH



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



**Normal Type**



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

SCZ-W1427XB-08-LF

LEADFREE

RoHS Compliant

**Allconnectors**

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PART NO. SCZ- W1427XB-08

DWG NO. SCZ- W1427XB-08

FILE NO.

UNIT / mm

SCALE 1:1

CHECKED BY CY

DRAWING BY

PROJECTION



TOLERANCES ARE

.X ± 0.2  
 .XX ± 0.1  
 .XXX ±  
 AWG

DESCRIPTION:

AREA

REVISIONS

HK

DATE