

## TECHNICAL CHARACTERISTICS

### 1. General Characteristics

Dimension: 28.70L x 17.50W x 1.50H mm  
 Weight: Approx. 0.50 g  
 Contact principle: Friction technology  
 Operating position: Shaft up / Down / Horizontal  
 Mounting System: SMT Type (with post)  
 Durability: 100,000 cycles min.

### 2. Mechanical Characteristics

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

### 3. Electrical Characteristics

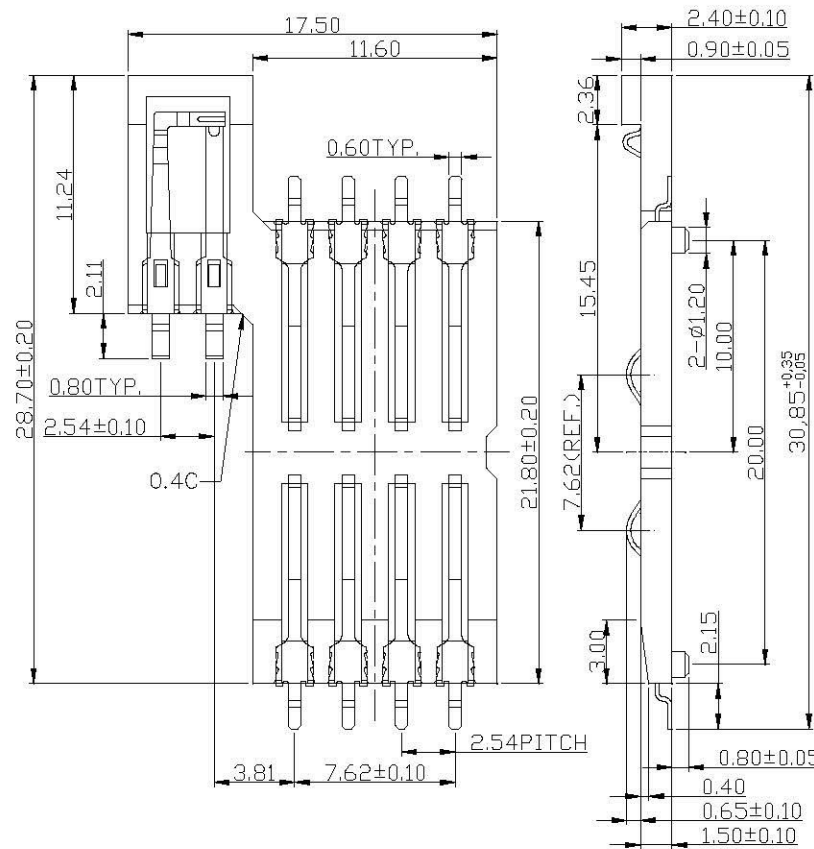
Number of contacts: 8 pins  
 Contact resistance: 50 mΩ typical, 100 mΩ max.  
 Insulation resistance: >1000 MΩ / 500 VDC  
 Switch type: Blade  
 Operation: Normally Open

### 4. Solderability

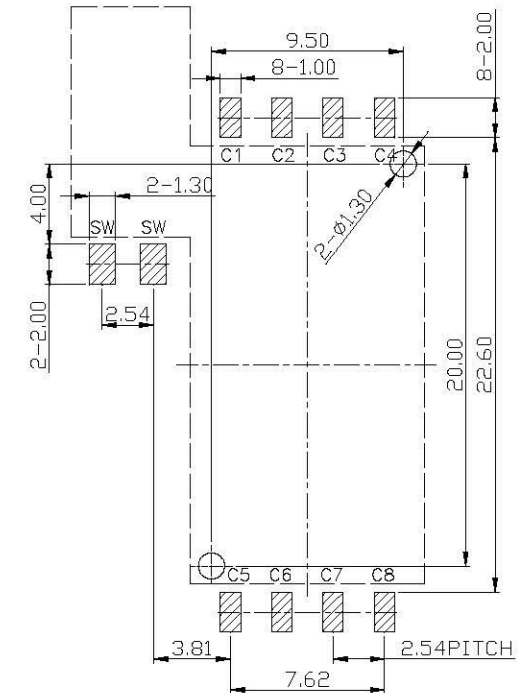
Wave: Not applicable  
 IR reflow: 260°C, 10 sec. Max.  
 Manual soldering: 360°C, 3 sec. Max.

### 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: ±0.05 mm  
**Reference dimension for PCB layout**

SCY-W2415PB-08-LF  
 LEADFREE

RoHS Compliant

**Allconnectors**

www.allconnectors.com  
 info@allconnectors.com  
 Tel: +49 4303 9000000  
 Fax: +49 4303 9000000  
 D-33411 Isernhagen - Germany  
 info@allconnectors.com  
 Tel: +49 4303 9000000  
 Fax: +49 4303 9000000  
 D-33411 Isernhagen - Germany

PART NO. SCY-W2415PB-08

DWG NO. SCY-W2415PB-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