

## TECHNICAL CHARACTERISTICS

### 1. General Characteristics

Dimension: 25.50L x 17.20W x 2.50H mm  
 Weight: Approx. 0.80 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

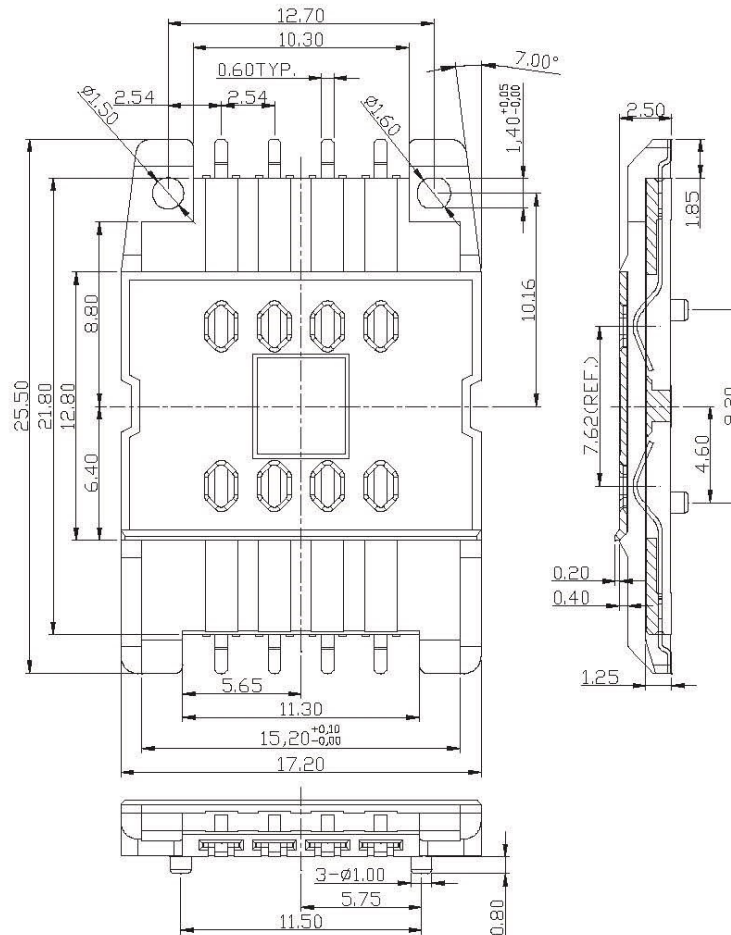
Number of contacts: 6, 8 pins (optional)  
 Contact resistance: 50 mΩ typical, 100 mΩ max.  
 Insulation resistance: >1000 MΩ / 500 VDC

### 4. Solderability

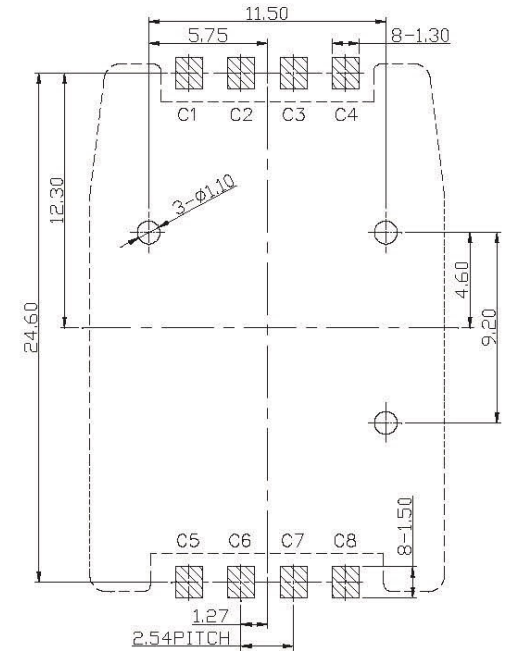
Wave: Not applicable  
 IR reflow: 260°C, 10 sec. Max.  
 Manual soldering: 360°C, 3 sec. Max.

### 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**

SCT-W2425P-08-LF  
 LEADFREE

RoHS Compliant

**All Connectors**

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PART NO. SCT-W2425P-08

DWG NO. SCT-W2425P-08

FILE NO.

UNIT / mm

SCALE 1:1

CHECKED BY CY

DRAWING BY

PROJECTION



TOLERANCES ARE

.X ± 0.2  
 .XX ±  
 .XXX ±  
 AWG

DESCRIPTION:

AREA

REVISIONS

HK

DATE

B

A