

## 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

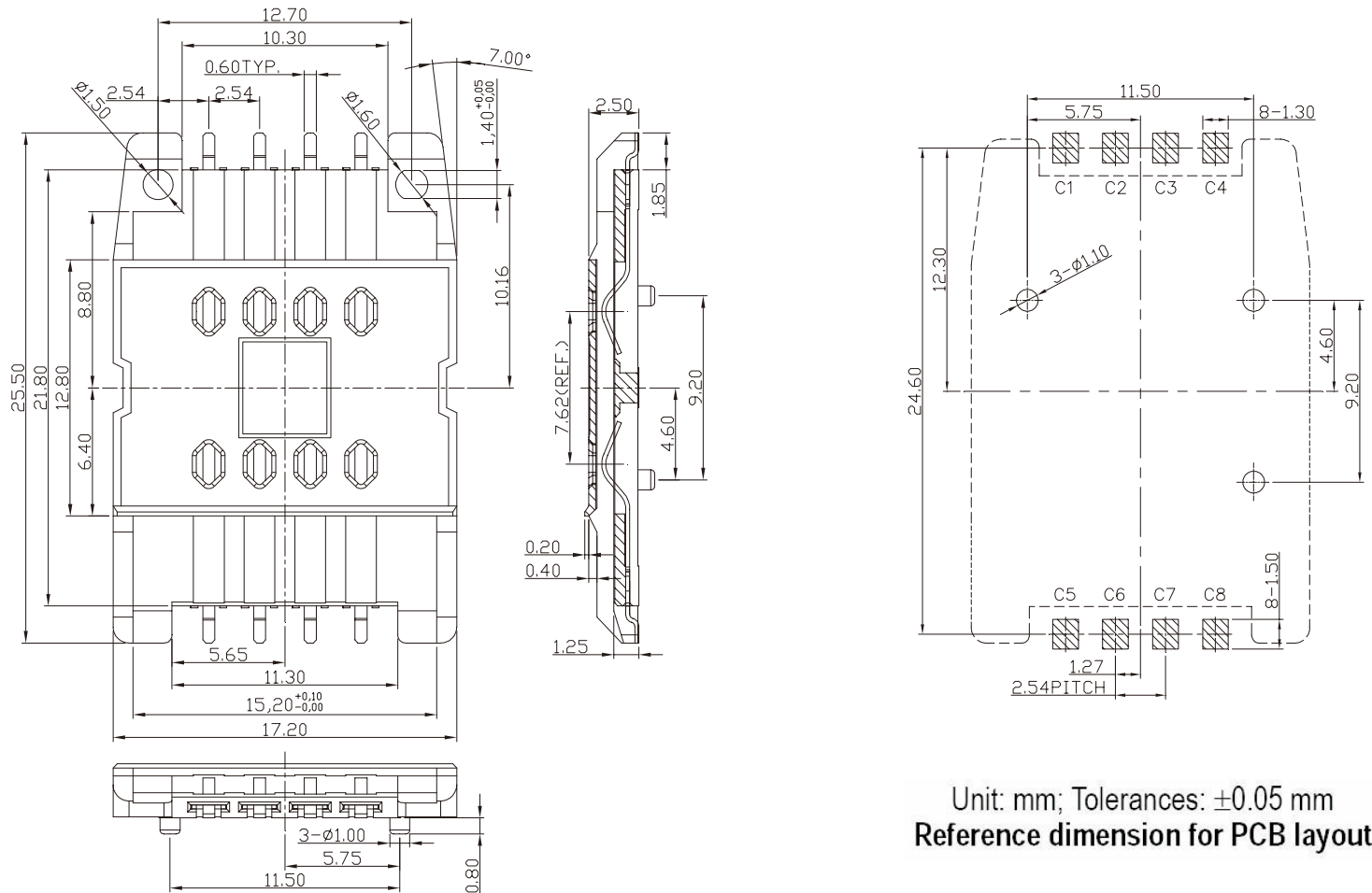
Number of contacts: 6, 8 pins (optional)  
 Contact resistance: 50 mΩ typical, 100 mΩ max.  
 Insulation resistance: >1000 MΩ / 500 VDC

### 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**

**RoHS Compliant**

TOLERANCES ARE

**MORETHANALL**  
 PCB CONNECTORS  
 Cable ASSEMBLIES

DRAWING BY CY

X, ±

CHECKED BY GENIUS

.X ±

UNIT / mm

SCALE 1 : 1

.XX ±

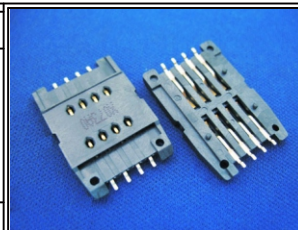
DATE

.XXX ±

ANG ±

SIZE A4

P PROJECTION



**ORDER INFORMATION**

**SCT-W2425P-08-LF**  
 SERIES | | | LEADFREE  
 | | | 08 WAY  
 | | | POST  
 90°SMT | | | HIGH 2.5mm  
 | | | PAD TO PAD 24.6mm

DESCRIPTION:

**煜倫股份有限公司**

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