

## TECHNICAL CHARACTERISTICS

### 1. General Characteristics

Dimension: 29.65L x 17.20W x 2.00H mm

Weight: Approx. 0.75 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.

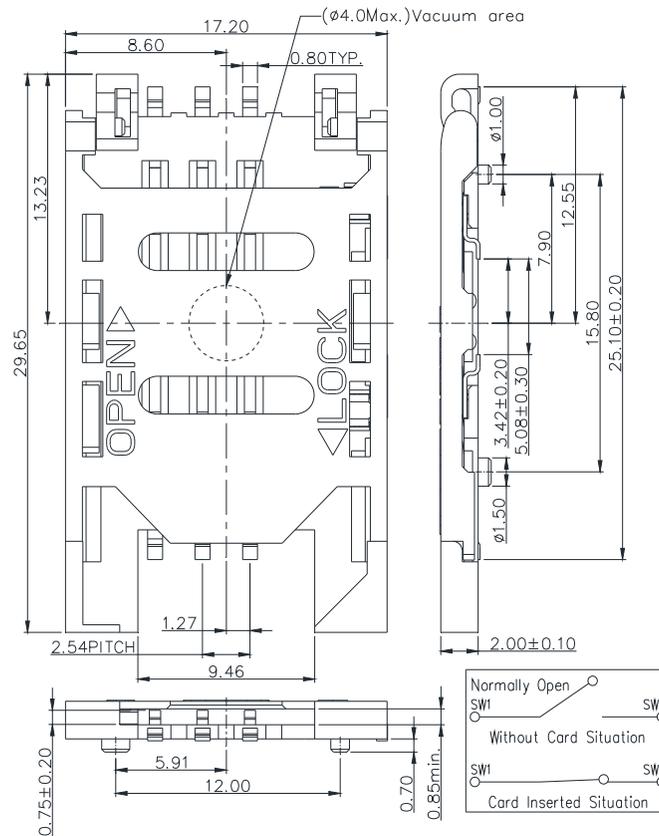
### 5. Environmental Characteristics

Operating temperature: -40°C ~ +85°C

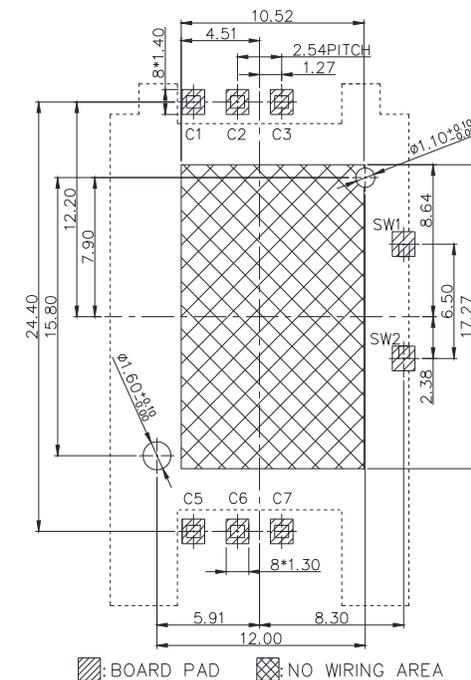
Operating humidity: 10% ~ 95% RH

Storage temperature: -40°C ~ +85°C

Storage humidity: 10% ~ 95% RH



Unit: mm; Tolerances: ±0.15 mm  
Figure 5.1 Mechanical outline dimension



Unit: mm; Tolerances: ±0.05 mm  
Figure 5.2 Reference dimension for PCB layout

Note:

1. Coplanarity of solder pins 0.10mm max.
2. Recommended thickness of solder paste > 0.15mm.

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PCB CONNECTORS  
Cable ASSEMBLIES

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www.morethanall.com

RoHS Compliant

DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm SCALE 1:1

DATE

SIZE A4

TOLERANCES ARE

X, ±

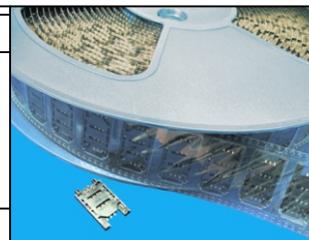
.X ±

.XX ±

.XXX ±

ANG ±

P PROJECTION



ORDER INFORMATION

SCV-W2420PBR-06-LF

SERIES | | | | | LEADFREE

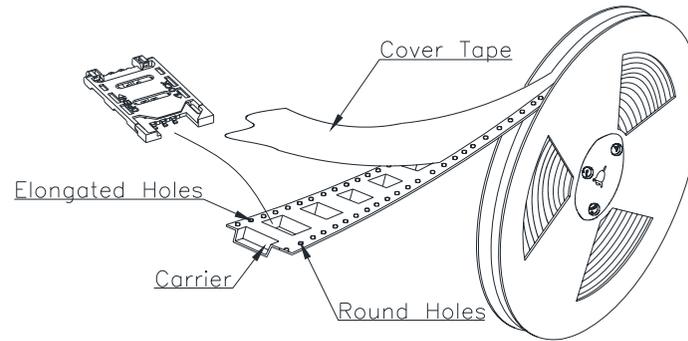
90°SMT | | | | | 06WAY

PAD TO PAD 24.40mm | | | | | REEL

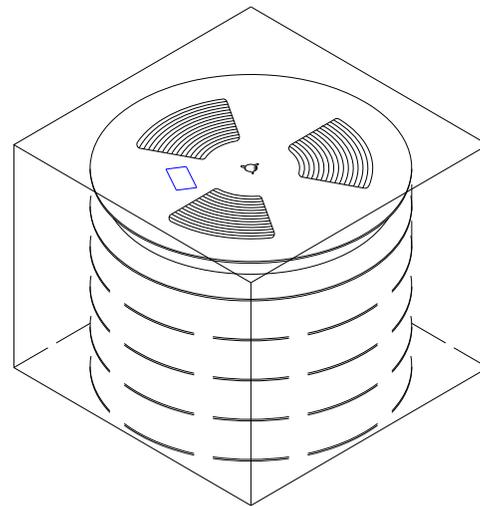
BODY HIGH 2.0mm | | | | | OPEN SWITCH

POST

DESCRIPTION:



N.W.: 0.45 KGS  
 G.W.: 1.00 KGS  
 Q Y: 600 PCs per reel  
 Meas.:dia. 33 CM, W 4.4 CM



N.W.: 2.7 KGS  
 G.W.: 7.6 KGS  
 Q Y: 3,600 PCs per carton  
 (6 reels set in order)  
 Meas.:36.5L x 36.5W x 36.0H CM

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X, ±

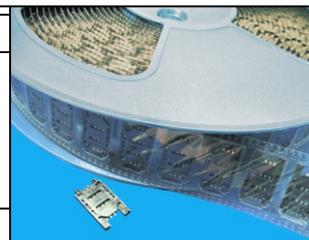
.X ±

.XX ±

.XXX ±

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90°SMT | | | | | REEL

PAD TO PAD 24.40mm | | | | | OPEN SWITCH

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