

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

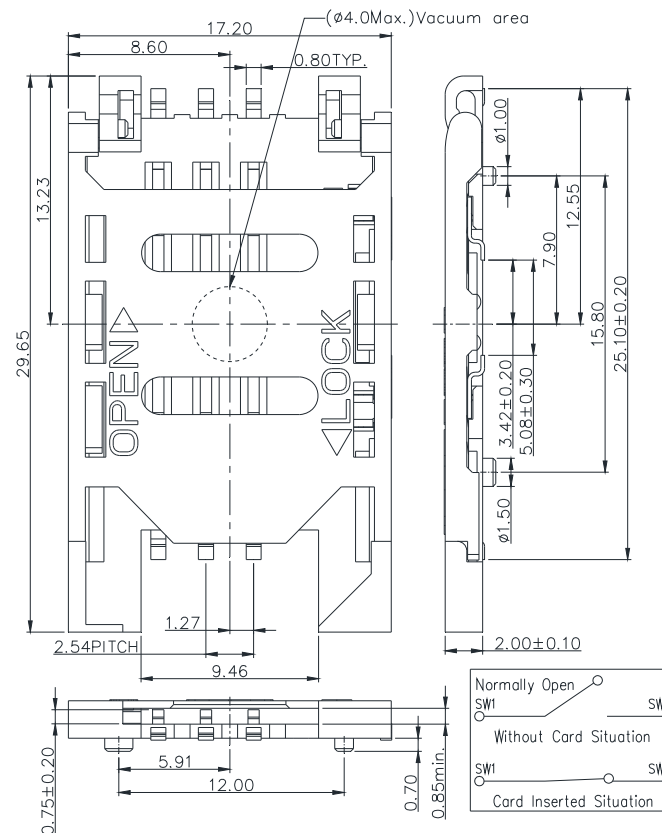
Number of contacts: 6, 8 pins (optional)
 Contact resistance: 50 mΩ typical, 100 mΩ max.
 Insulation resistance: >1000 MΩ / 500 VDC
 Switch type: Blade, Normally Open

4. Solderability

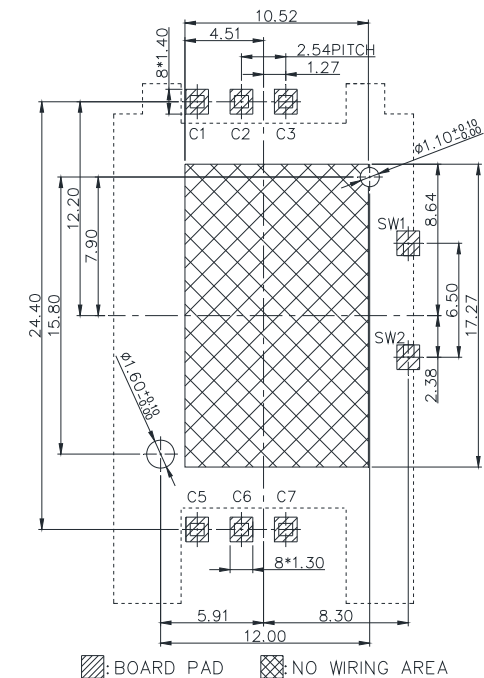
Wave: Not applicable
 IR reflow: 260°C, 10 sec. Max.
 Manual soldering: 360°C, 3 sec. Max.

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.

MORETHANALL
 PCB CONNECTORS
 Cable ASSEMBLIES

煜倫股份有限公司

www.morethanall.com

RoHS Compliant

DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1 : 1

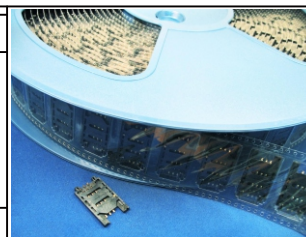
DATE

SIZE A4

TOLERANCES ARE

X, $\pm$
 .X $\pm$
 .XX $\pm$
 .XXX $\pm$
 ANG $\pm$

PPOJECTION



ORDER INFORMATION

SCV-W2420PBR-06-LF

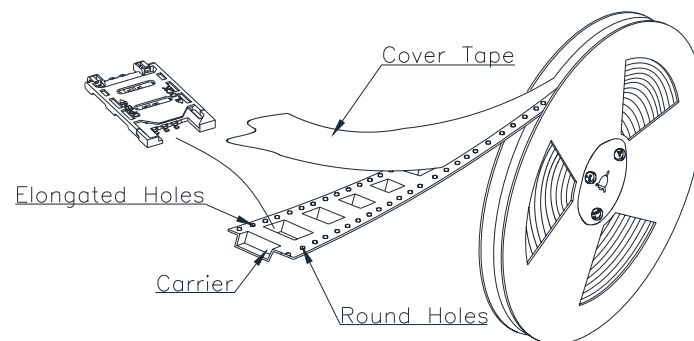
SERIES LEADFREE

90°SMT 06WAY

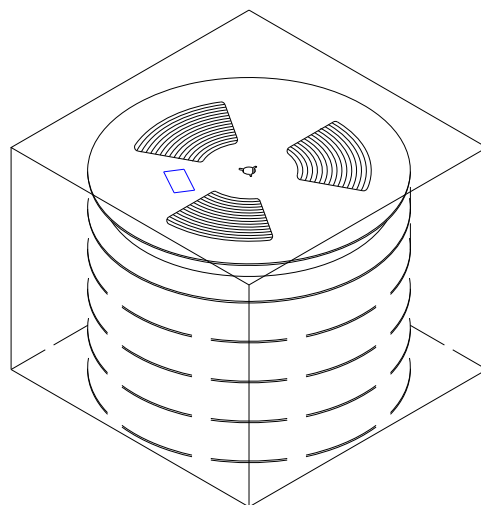
PAD TO PAD 24.40mm REEL

BODY HIGH 2.0mm POST OPEN SWITCH

DESCRIPTION:



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



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

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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm SCALE 1:1

DATE

SIZE A4

TOLERANCES ARE

X, ±

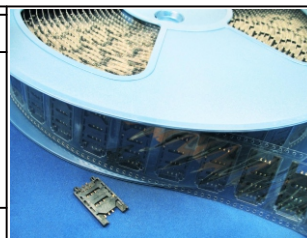
.X, ±

.XX, ±

.XXX, ±

ANG ±

PPOJECTION



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SERIES | | | | | LEADFREE

90°SMT | | | | | 06WAY

PAD TO PAD 24.40mm | | | | | REEL

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POST

DESCRIPTION: