

## TECHNICAL CHARACTERISTICS

### 1. General Characteristics

Dimensions: 14.20L x 16.30 W x 1.90H mm 0.05g  
 Weight: Approx. 0.4 g Contact principle: Friction technology  
 Operating position: Shaft up / Down / Horizontal  
 Mounting System: SMT without post  
 Durability: 5,000 cycles min.

### 2. Mechanical Characteristics:

Insulation material: Thermoplastic, UL 94-V0

### 3. Electrical Characteristics

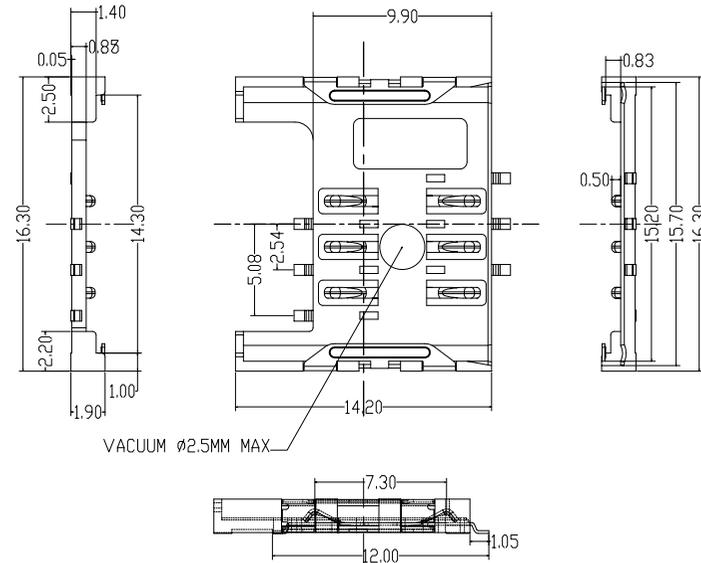
Number of contacts: 6 pins  
 Contact resistance: 50 mOhm typical, 100 m Ohm max.  
 Insulation resistance: > 1000 M / 500 VDC

### 4. Solderability

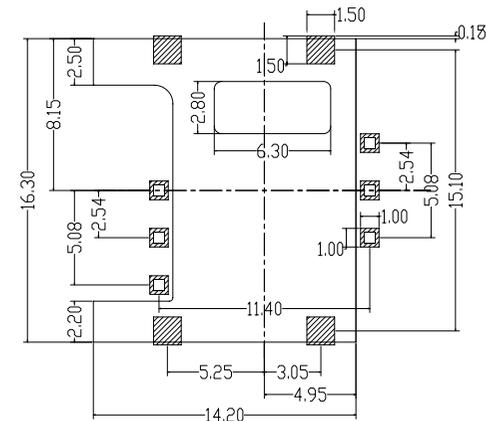
Wave: Not applicable  
 Vaporphase: 215 C, 30 sec. Max.  
 IR reflow: 260 C, 10 sec. Max.  
 Manual soldering: 360 C, 3 sec. Max.

### 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  
 Thermal shock: - 40 C, ~ + 85 C, 5 cycles  
 Damp Heat: 40 C, 90 % RH, 500HR.  
 Salt-mist: 35 C, 5%, NaCl , 48H.



Unit: mm; T olerances:  $\pm 0.10$ mm  
 Mechanical outline dimension



Unit: mm; T olerances:  $\pm 0.10$ mm  
 Reference dimension for PCB layout



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RoHS Compliant

TOLERANCES ARE

DRAWING BY CY

X,  $\pm$

CHECKED BY GENIUS

.X  $\pm$

UNIT / mm

SCALE 1 : 1

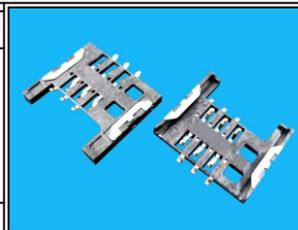
.XXX  $\pm$

DATE

ANG  $\pm$

SIZE A4

PPOJECTION



ORDER INFORMATION

SCU-W1119X-06-LF  
 SERIES | | | LEADFREE  
 | | | 06WAY  
 | | | NON POST  
 | | | HIGH 1.9mm  
 | | | PAD TO PAD 11.40mm  
 | | | 90°SMT

DESCRIPTION: