

PAD AREA
 KEEP OUT AREA
 RECOMMENDED P.C.B LAYOUT
 COMPONENT SIDE (TOLERANCE ±0.05)

TECHNICAL CHARACTERISTICS

1. General Characteristics

Dimensions: 15.75LX17.17WX1.50H mm
 Weight: Approx 0.4±0.1g
 Durability: 1500 cycles min.

2. Electrical Characteristics

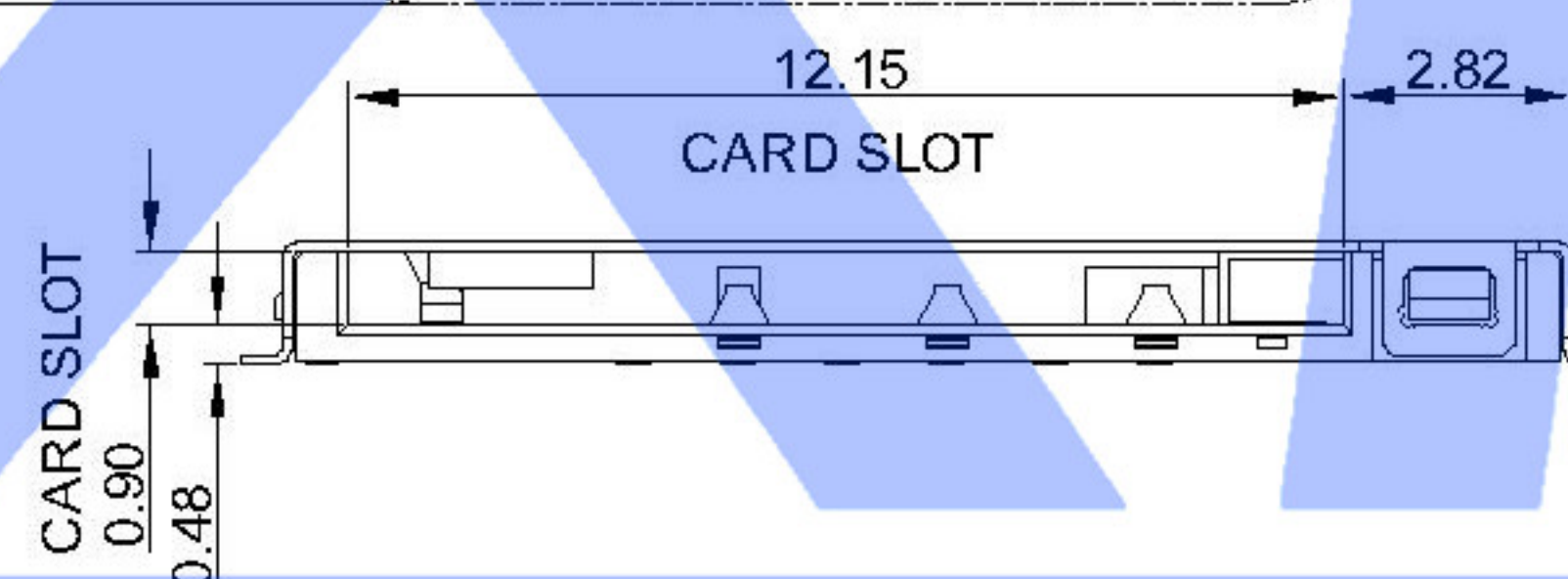
Contact resistance;
 Date Contact: 150mΩ max
 CD Switch: 500mΩ max
 Insulation resistance: >1000MΩ/500V DC

3. Solderability

Vapor phase: 215°C, 30sec. Max
 IR reflow: 250°C, 5sec. Max
 Manual soldering: 370°C, 3sec. Max

4. Environmental Characteristics

Operating temperature: -40°C~+85°C
 Operating humidity: 10%~+95%RH



| 3FF SIM CARD | |
|--------------|----------|
| Pin No. | NAME |
| C1 | VCC |
| C2 | RST |
| C3 | CLK |
| C4 | Reserved |
| C5 | GND |
| C6 | VPP |
| C7 | I/O |
| C8 | Reserved |

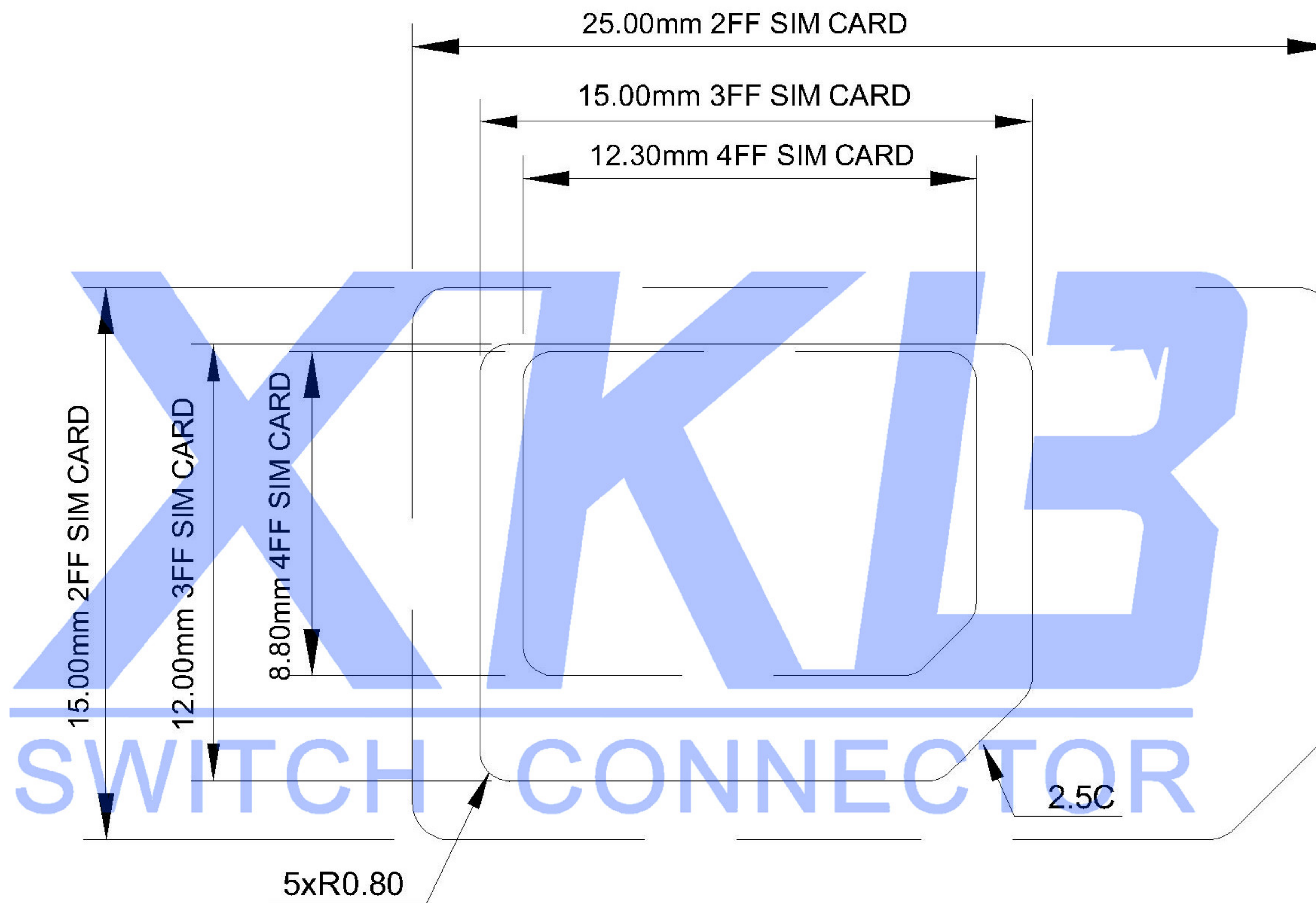
| ELECTRIC FUNCTION | DETECT SWITCH |
|-------------------|---------------|
| WITHOUT CARD | CLOSED |
| CARD INSERTED | OPEN |



| ITEM | PART NAME | QTY | MATERIAL | FINISHING |
|------|-----------|-----|-----------------|---------------------------|
| 1 | HOUSING | 1 | HI-TEMP. PLASIC | Black UL94V-0 |
| 2 | TERMINAL | 9 | COPPER ALLOY | Contact area: Gold plated |
| 3 | CD SWITCH | 1 | COPPER ALLOY | Contact area: Gold plated |
| 4 | SHELL | 1 | SUS | SMT area: Gold plated |
| 5 | SPRING | 1 | SWP | |
| 6 | HEART CAM | 1 | HI-TEMP. PLASIC | Black UL94V-0 |
| 7 | CAMPIN | 1 | SUS | |

| MARK | DESCRIPTION | DATE | REVISED | APPROVED | UNSPECIFIED TOLERANCES |
|------|-------------|------|---------|----------|------------------------|
| △X | | | | | ANGLAR ±5° |
| △X | | | | | L ≤ 4 ±0.2 |
| △X | | | | | 4 < L ≤ 16 ±0.3 |
| | | | | | 16 < L ≤ 63 ±0.4 |
| | | | | | L > 63 ±0.5 |

| DSND | DATE | SCALE: N/A | MODEL TYPE: |
|---------------------------------------|------|------------|---------------|
| DWN | DATE | VIEW: | SIM CARD CONN |
| CHKD | DATE | UNIT: mm | PART NO.: |
| APPD | DATE | SIZE: A4 | DWG NO.: |
| XKB INDUSTRIAL PRECISION CO., LIMITED | | | WEIGHT 1.0g |
| | | | SHEET 1/1 |
| | | | REVISION A0 |



| | | | | | | | | | | | | | |
|---|-------------|------|---------|----------|------------------------|------|---------------------------------------|--|------|--|------------|------------------------------|----------|
| | | | | | ANGLAR | ±5° | DSND | | DATE | | SCALE: N/A | MODEL TYPE: SIM CARD CONN | |
| △X | | | | | L ≤ 4 | ±0.2 | DWN | | DATE | | VIEW: | PART NO.: | |
| △X | | | | | 4 < L ≤ 16 | ±0.3 | CHKD | | DATE | | UNIT: mm | DWG NO.: | |
| △X | | | | | 16 < L ≤ 63 | ±0.4 | APPD | | DATE | | SIZE: A4 | XKSIM-1511B-P9 | |
| MARK | DESCRIPTION | DATE | REVISED | APPROVED | L > 63 | ±0.5 | | | | | WEIGHT | SHEET | REVISION |
| REVISIONS | | | | | UNSPECIFIED TOLERANCES | | XKB INDUSTRIAL PRECISION CO., LIMITED | | | | 1.0g | 1/1 | A0 |
| www.xk-dg.cn www.helloxkb.com www.helloxkb.cn | | | | | | | | | | | | | |