

RECOMMEND P.C.B LAYOUT  
(General tolerance ±0.05)

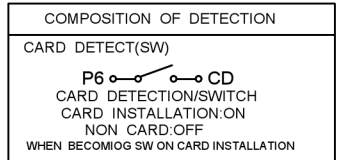
XKB Connectivity  
 ▨ PAD AREA  
 □ KEEP OUT AREA  
 ▩ NO COPPER AREA  
 ▤ GND PATTERN ONLY

XKB Connectivity

NOTE:

- 材料 Material:
  - 1-1 外壳 Housing: High Temperature Thermoplastic, (LCP MG350) Color Black U 94V-0
  - 1-2 端子 Contact: Phosphor Bronze (C5210R-SH T=0.12mm)
  - 1-3 外壳 Shell: SUS304-HT=0.10mm
- 电镀 Plating:
  - 2-1 Contact terminal:
    - Contact area: Gold 2u"Min. Middle Pd-Ni au"min.
    - Solder area: Gold 1u"Min
    - Underplating: Ni overall 80U"Min.
  - 2-2 外壳 Shell:
    - 底镀 Underplating: Ni overall 30U" Min.
    - 焊接区 Solder area: Gold 1u"Min .
- 规格 Specification:
  - 3-1. 接触电流 Contact Current Rating: 0.5Amperes.
  - 3-2. 介电耐受电压 Dielectric Withstanding Voltage: AC500V r.m.s.
  - 3-3. 绝缘电阻 Insulation Resistance: 1000 Megohms Minimum At DC 500V.
  - 3-4. 接触电阻 Contact Resistance: 100 mΩ Maximum.
  - 3-5. 寿命 Mating Cycles: 5,000 Cycles.
  - 3-6. 工作温度 Operating Temperature: -25℃~+60℃.
- Product Compliant to RoHs Directive 2002/95/EC and ELV 2000/53/EC
- Recommending A Metal More Than 0.15mm Thick.  
Please Confirm Solderability, If Use A Metal Mask Less Than 0.15mm Thick.

XKB Connectivity



XKB Connectivity

| Pin Define |             |
|------------|-------------|
| P1         | DAT2        |
| P2         | CD/DAT3     |
| P3         | CMD         |
| P4         | VDD         |
| P5         | CLK         |
| P6         | VSS         |
| CD         | CARD DETECT |
| P7         | DAT0        |
| P8         | DAT1        |
| P9-P12     | GND         |

广东星坤科技股份有限公司

|    |    |
|----|----|
| Δ生 | 日期 |
| Δ改 | 日期 |
| ΔX |    |

文件工程章

| MARK | DESCRIPTION | DATE | REVISED | APPROVED | UNSPECIFIED TOLERANCES |
|------|-------------|------|---------|----------|------------------------|
|      | REVISIONS   |      |         |          |                        |
|      |             |      |         |          |                        |
|      |             |      |         |          |                        |
|      |             |      |         |          |                        |

|                                       |      |             |                             |
|---------------------------------------|------|-------------|-----------------------------|
| DSND                                  | DATE | SCALE: N/A  | MODEL TYPE:<br>TF CARD CONN |
| DWN                                   | DATE | VIEW:       | PART NO.:                   |
| CHKD                                  | DATE | UNIT: mm/in | DWG NO.:                    |
| APPD                                  | DATE | SIZE: A4    | XKTF-7131-1                 |
| XKB INDUSTRIAL PRECISION CO., LIMITED |      |             | WEIGHT<br>1.0g              |
|                                       |      |             | SHEET<br>1/1                |
|                                       |      |             | REVISION<br>A0              |

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