

| REVISIONS |         |          |                 |           |        |
|-----------|---------|----------|-----------------|-----------|--------|
| REV.      | ECN NO. | LOCATION | DESCRIPTION     | DATE      | DESIGN |
| A0        | N/A     |          | INITIAL RELEASE | /         | /      |
| A1        | N/A     |          | 图面升级整理图面        | 2025.2.26 | 阿树     |

Specifications:  
规格:  
Voltage rating:250V AC/DC  
额定电压: 250V AC/DC  
Current rating:3A AC/DC  
额定电流: 3A AC/DC  
Withstanding voltage:1000V AC/minute  
耐受电压: 1000V AC/分钟  
Temperature range:-40℃--+105℃  
温度范围: -40℃--+105℃  
Insulation resistance:≥1000MΩ  
绝缘电阻: ≥1000MΩ  
Contact resistance:≤20mΩ  
接触电阻: ≤20mΩ  
Material:PA6T UL94V-0  
材质: PA6T UL94V-0  
Plating Category:1U"Gold  
镀层: 1U"Gold  
Reflow soldering temperature:260±5 10S  
回流焊温度: 260±5℃, 10S

PART NO.:  
X6511 F R S-18-C85 D30  
① ② ③ ④ ⑤ ⑥ ⑦

①Series No  
②Category:F-Female  
③Welding Board Angle:R-Straight 90°  
④Welding Way: S-SMT  
⑤Row No.Pin No:XX-02~10P  
⑥Plastic high:C=8.5mm  
⑦Pin Length:D=3.0mm

|                    |    |             |                                     |                    |
|--------------------|----|-------------|-------------------------------------|--------------------|
| X6511FRS-18-C85D30 |    | PA6T        | Brass                               | X6511              |
| PART NO            |    | Material    | Material(Pin)                       | Suitable XKB Wafer |
| DESIGN             | 阿树 | VIEW:       | MODEL TYPE:<br>2.54mm BTB Connector |                    |
| CHECKED            |    | UNIT: mm/in | PART NO.:<br>X6511FRS-18-C85D30     |                    |
| APPROVED           |    | SIZE: A4    | DWG NO.:<br>X-X6511FRS-18-C85D30    |                    |
| SCALE              |    |             | PAGE                                | REVISION           |
| N/A                |    |             | 1/1                                 | A1                 |

|                        |       |
|------------------------|-------|
| AuGLAR                 | ±5°   |
| X.                     | ±0.40 |
| X.x                    | ±0.30 |
| X.xx                   | ±0.20 |
| X.xxx                  | ±0.15 |
| UNSPECIFIED TOLERANCES |       |



XKB INDUSTRIAL PRECISION CO.,LIMITED

2.54XNo.of Positions+0.40±0.30

2.54XNo.of Contacts-2.54±0.20

C=8.50 [0.335]

2.40 [0.094]

1.50 [0.059]

3.00 [0.118]±0.30

2.54 [0.100]

0.64 [0.025]X0.40 [0.016]

1.00 [0.039]

2.54 [0.100]

2.00 [0.079]

P.C.B LAYOUT