

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-05-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-05-C85D30		PA6T	Brass	X6511
PART NO		Material	Material(Pin)	Suitable XKB Wafer
DESIGN	阿树	VIEW:	MODEL TYPE: 2.54mm BTB Connector	
CHECKED		UNIT: mm/in	PART NO.: X6511FRS-05-C85D30	
APPROVED		SIZE: A4	DWG NO.: X-X6511FRS-05-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