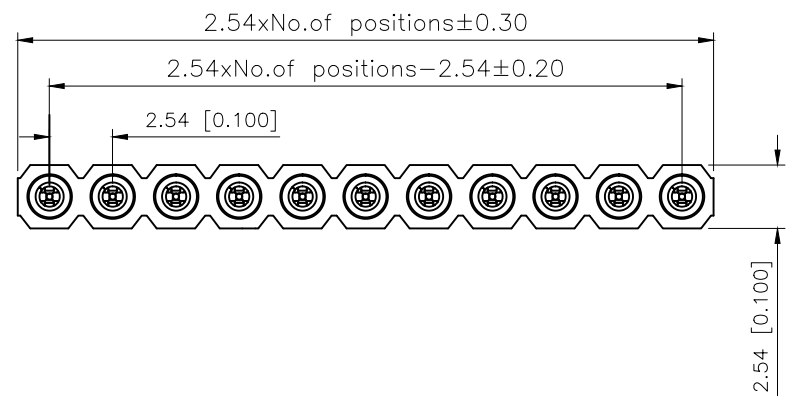
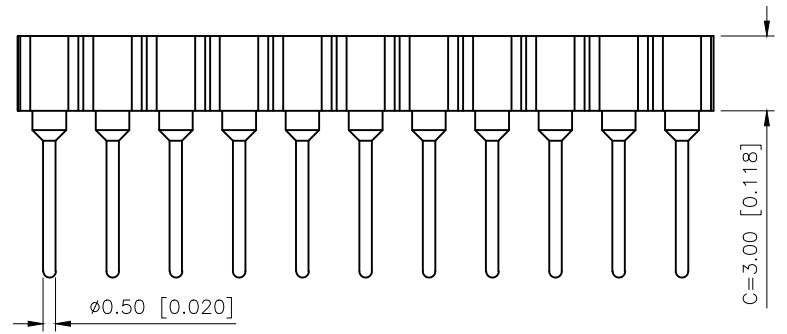


| REVISIONS |         |          |                 |            |        |
|-----------|---------|----------|-----------------|------------|--------|
| REV.      | ECN NO. | LOCATION | DESCRIPTION     | DATE       | DESIGN |
| A0        | N/A     |          | INITIAL RELEASE | /          | /      |
| A1        | N/A     |          | 图面升级整理图面        | 2025.09.26 | 阿树     |

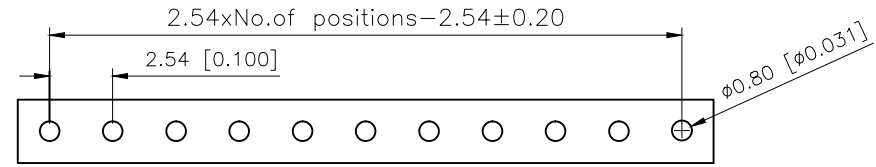
A



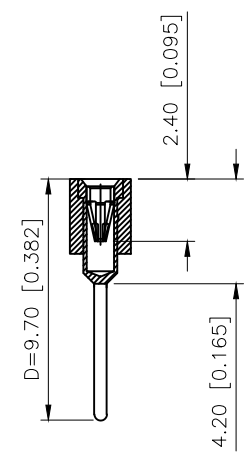
B



C



Recommended P.C.B Layout(±0.05)



Technical Date  
Pin(outer sleeve):Brass,machined CuZn38pb2  
ClIp (Contact 4 Finger):Beryllium copper,heat teated  
Insulator:PPS UL94V-0 colour:black  
Current rating:3Amps  
Mating Pinø:0.38/0.56mm  
Forces:(polished steel gaugeø0.43mm)  
-Insertion:2N typ  
-Withdrawal:1N typ  
Mechanical Life:min 500 cycles  
Contact resistance: 10mΩ max  
Dielectric strength:1000V  
Operating temperature:-40 ℃ to +125℃  
Soldering temperature:+255℃

PART NO.:

X5511 F V-30-C30 D97-0970  
① ② ③ ④ ⑤ ⑥ ⑦

- ①Series No
- ②Category:F-Female
- ③Welding Board Angle:V-Stright 180°
- ④Row No-Pin No:XX-01P-XXP
- ⑤Pin Length :C=3.0mm
- ⑥Pin Length :D=9.70mm
- ⑦0970:Type0970

|                        |           |               |                  |                      |
|------------------------|-----------|---------------|------------------|----------------------|
| X5511FV-30-C30D97-0970 | PPS 94V-0 | Brass         | Tin Gold 1u''    | X5511W               |
| PART NO                | Material  | Material(Pin) | Finish(Terminal) | Mates With XKB Wafer |

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



|          |    |             |                                           |
|----------|----|-------------|-------------------------------------------|
| DESIGN   | 阿树 | VIEW:       | MODEL TYPE:<br>2.54mm BTB Style Connector |
| CHECKED  |    | UNIT: mm/in | PART NO.:<br>X5511FV-30-C30D97-0970       |
| APPROVED |    | SIZE: A4    | DWG NO.:<br>X-X5511FV-30-C30D97-0970      |

XKB INDUSTRIAL PRECISION CO.,LIMITED

|       |      |          |
|-------|------|----------|
| SCALE | PAGE | REVISION |
| N/A   | 1/1  | A1       |

D

D