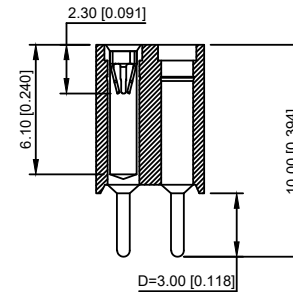


Recommended P.C.B  
Layout(±0.05)



Technical Data  
Pin(outer sleeve):Brass,machined CuZn38Pb2  
Cllp(Contact 6 Finger):Beryllium copper,heat teated  
Insulator:PPS UL94V-0 colour:black  
Current rating:3Amps  
Mating pin Ø:0.635/0.889mm  
Forces:(polished steel gaugeØ0.66mm)  
-Insertion:1.2N typ  
-Withdrawal:0.6N typ  
Mechanical life:min 500cycles  
Contact resistance:max 10m Ω  
Dielectric strength:min 1000V RMS  
Operating temperature:-40°C to+105°C  
Soldering temperature:+255°C

X5521 F V-2x24-C70 D30-1000  
① ② ③ ④ ⑤ ⑥ ⑦

- ① Series.N0.
- ② Category : F-Female
- ③ Welding Board Angle : V-Straight 180°
- ④ Row No-Pin No:2\*XX-01P-XXP
- ⑤ Plastic Height :C=7.0mm
- ⑥ Pin Length :D=3.0mm
- ⑦ 1000:TYPE 1000

|                          |           |                    |                  |                           |
|--------------------------|-----------|--------------------|------------------|---------------------------|
| X5521FV-2x24-C70D30-1000 | PPS 94V-0 | Brass              | Tin<br>Gold 1u"  | X5521FV                   |
| PART N0                  | Material  | Material(Terminal) | Finish(Terminal) | Mates With XKB Pin Header |

|                                                   |             |  |  |      |         |           |                        |      |                                      |      |            |                                                                                             |                          |       |          |
|---------------------------------------------------|-------------|--|--|------|---------|-----------|------------------------|------|--------------------------------------|------|------------|---------------------------------------------------------------------------------------------|--------------------------|-------|----------|
|                                                   |             |  |  |      |         |           | DSND                   |      | DATE                                 |      | SCALE: N/A | MODEL TYPE:                                                                                 |                          |       |          |
|                                                   |             |  |  |      |         | ANGLAR    | ±5°                    | DWN  |                                      | DATE |            | VIEW:  | PART NO.:                |       |          |
| Δx                                                |             |  |  |      |         | L ≤ 4     | ±0.2                   | CHKD |                                      | DATE |            | UNIT: mm/in                                                                                 | DWG NO.:                 |       |          |
| Δx                                                |             |  |  |      |         | 4<L ≤ 16  | ±0.3                   | APPD |                                      | DATE |            | SIZE: A4                                                                                    | X5521FV-2x24-C70D30-1000 |       |          |
| Δx                                                |             |  |  |      |         | 16<L ≤ 63 | ±0.4                   |      |                                      |      |            |                                                                                             |                          |       |          |
| MARK                                              | DESCRIPTION |  |  | DATE | REVISED | APPROVED  | L > 63                 | ±0.5 |                                      |      |            |                                                                                             |                          |       |          |
| REVISIONS                                         |             |  |  |      |         |           | UNSPECIFIED TOLERANCES |      | XKB INDUSTRIAL PRECISION CO.,LIMITED |      |            |                                                                                             | WEIGHT                   | SHEET | REVISION |
| www.xk-dg.cn   www.helloxkb.com   www.helloxkb.cn |             |  |  |      |         |           |                        |      |                                      |      |            |                                                                                             | 1.0g                     | 1/1   | A0       |