



Recommended P.C.B  
Layout ( $\pm 0.05$ )

Technical Data  
 Pin(outer sleeve):Brass,machined CuZn38Pb2  
 Cllp(Contact 6 Flinger):Beryllium copper,heat teated  
 Insulator:PPS UL94V-0 colour:black  
 Current rating:3Amps  
 Mating pin  $\varnothing$ :0.635/0.889mm  
 Forces:(polished steel gauge $\varnothing$ 0.66mm)  
 -Insertion:1.2N typ  
 -Withdrawal:0.6N typ  
 Mechanical life:min 500cycles  
 Contact resistance:max 10m  $\Omega$   
 Dielectric strength:min 1000V RMS  
 Operating temperature:-40°C to+105°C  
 Soldering temperature:+255°C

**X5521F R -2\*XX-C70 D32-1743**

- ①
- ②
- ③
- ④
- ⑤
- ⑥
- ⑦

- ① Series.N0.
- ② Category : F-Female
- ③ Welding Board Angle : R-Straight 90°
- ④ Row No-Pin No:2\*XX-01P-XXP
- ⑤ Pin Length :C=7.0mm
- ⑥ Pin Length :D=3.2mm
- ⑦ 1743:Type1743

X5521FR-2*XX-C70D32-1743	PPS 94V-0	Brass	Tin Gold 1u"	X5521W
PART NO	Material	Material(Terminal)	Finish(Terminal)	Mates With XKB Pin Header

MARK	DESCRIPTION	DATE	REVISED	APPROVED	UNSPECIFIED TOLERANCES
$\Delta x$					ANGLAR $\pm 5^\circ$
$\Delta x$					$L \leq 4$ $\pm 0.2$
$\Delta x$					$4 < L \leq 16$ $\pm 0.3$
$\Delta x$					$16 < L \leq 63$ $\pm 0.4$
$\Delta x$					$L > 63$ $\pm 0.5$

DSND	DATE	SCALE: N/A	MODEL TYPE:
DWN	DATE	VIEW:	PART NO.:
CHKD	DATE	UNIT: mm	X5521FR-XX-C70D32-1743
APPD	DATE	SIZE: A4	DWG NO.:
XKB INDUSTRIAL PRECISION CO.,LIMITED			WEIGHT
			1.0g
			SHEET
			1/1
			REVISION
			A0