

1

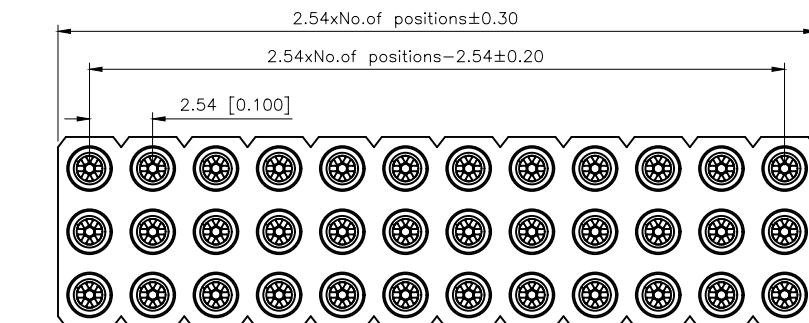
2

3

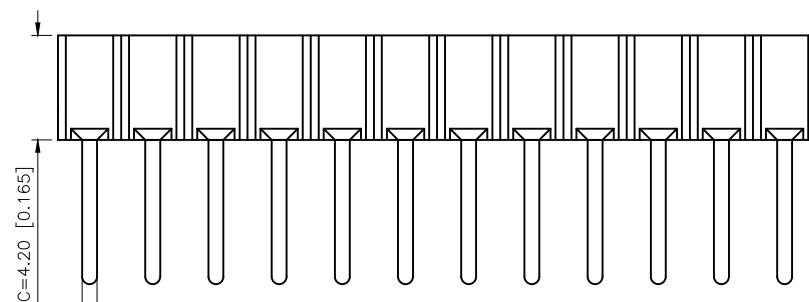
4

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		图面升级整理图面	2025.05.19	阿树

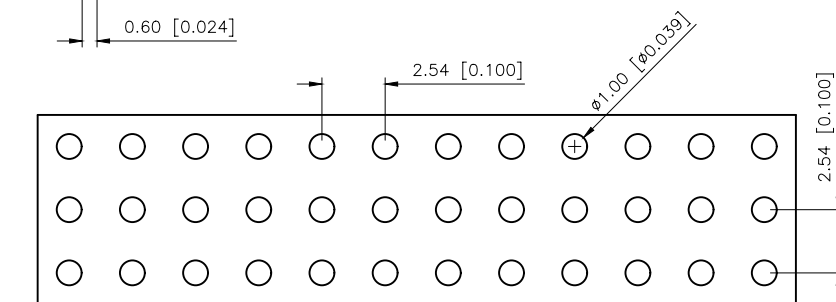
A



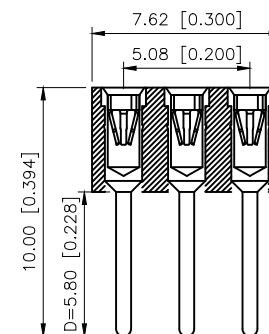
B



C



Recommended P.C.B Layout(±0.05)



Technical Date
Pin(outer sleeve):Brass,machined CuZn38pb2
ClIp (Contact 6 Finger):Beryllium copper,heat teated
Insulator:PPS UL94V-0 colour:black
Current rating:3Amps
Mating PinØ:0.635/0.889mm
Forces:(polished steel gaugeØ0.66mm)
-Insertion:1.2N typ
-Withdrawal:0.6N typ
Mechanical Life:min 500 cycles
Contact resistance: 10mΩ max
Dielectric strength:1000V
Operating temperature:-40 ℃ to +105℃
Soldering temperature:+255℃

PART NO.:

X5531 F V-3x12-C42 D58-1000
① ② ③ ④ ⑤ ⑥ ⑦

- ①Series No
②Category:F-Female
③Welding Board Angle:V-Straight 180°
④Row No-Pin No:XX-3x01Pin-3xXXPin
⑤Pin Length :C=4.2mm
⑥Pin Length :D=5.8mm
⑦1000:Type1000

D

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: 2.54mm BTB Style Connector		
	CHECKED		UNIT:	mm/in	PART NO.: X5531FV-3x12-C42D58-1000		
	APPROVED		SIZE:	A4	DWG NO.: X-X5531FV-3x12-C42D58-1000		
PRECISION CO., LIMITED					SCALE	PAGE	REVISION
					N/A	1/1	A1

XKB INDUSTRIAL PRECISION CO.,LIMITED

www.helloxkb.com www.helloxkb.cn www.xk-dg.cn

1

2

3

4