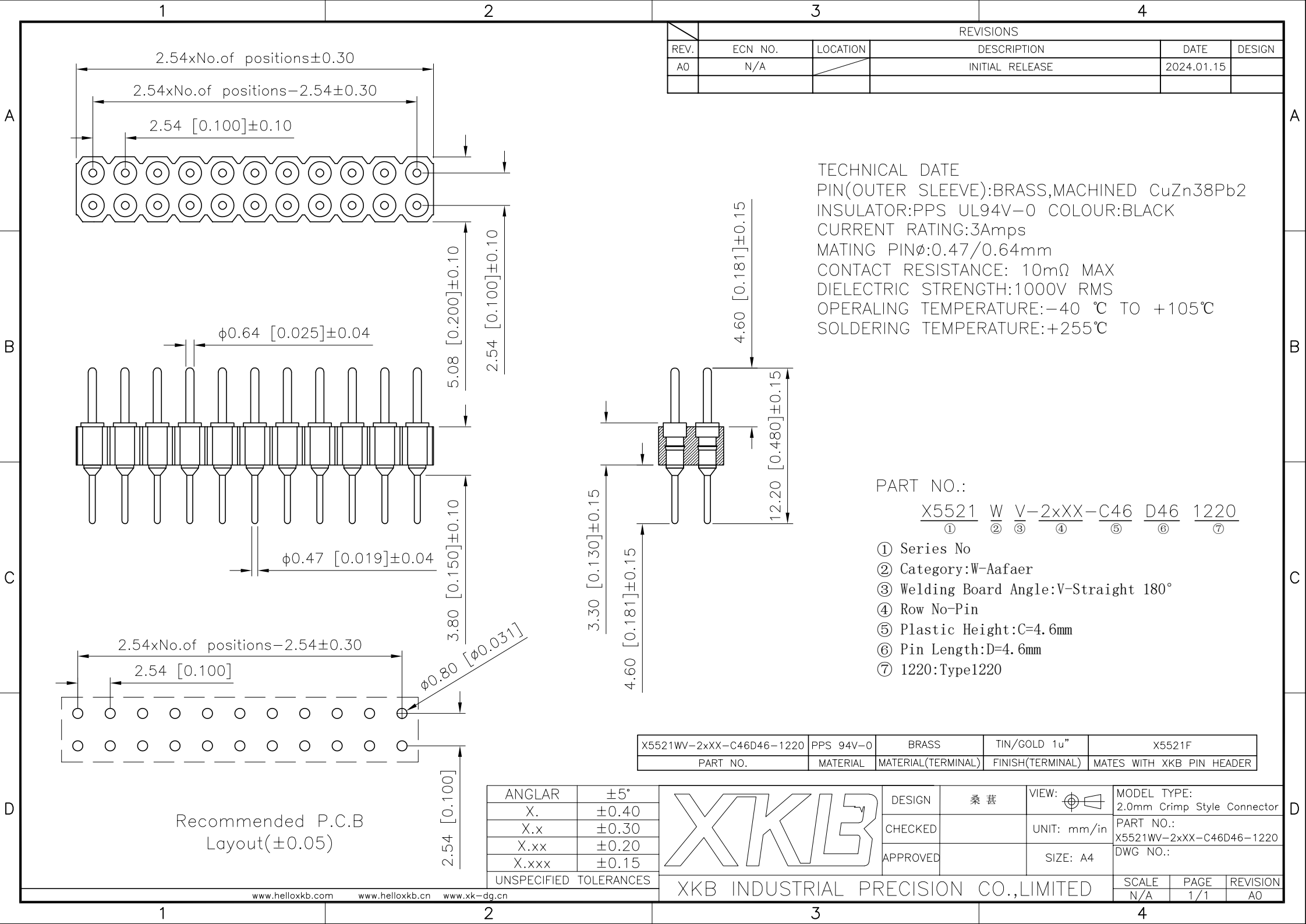
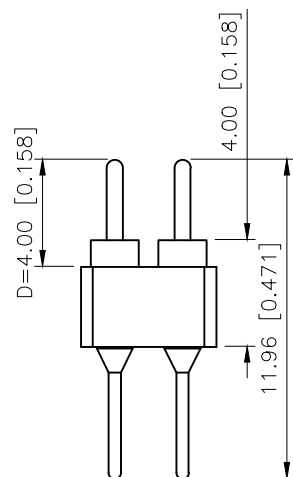
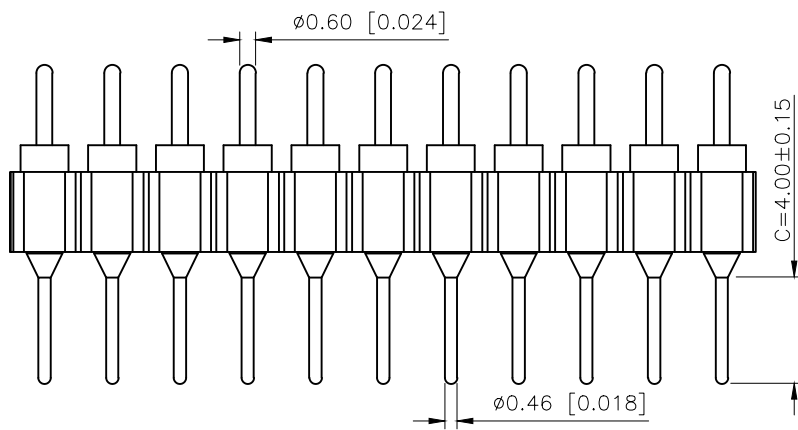
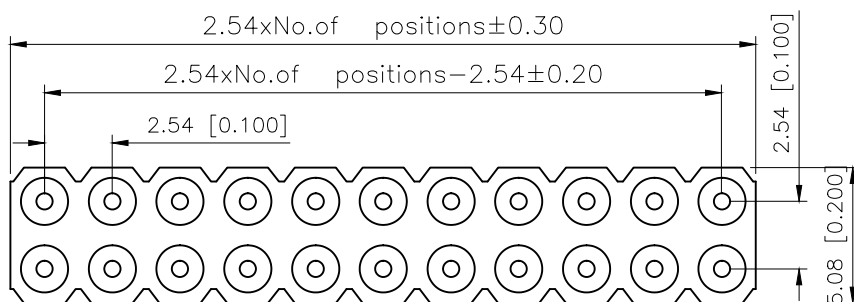




REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		图面升级整理图面	2025.2.28	阿树

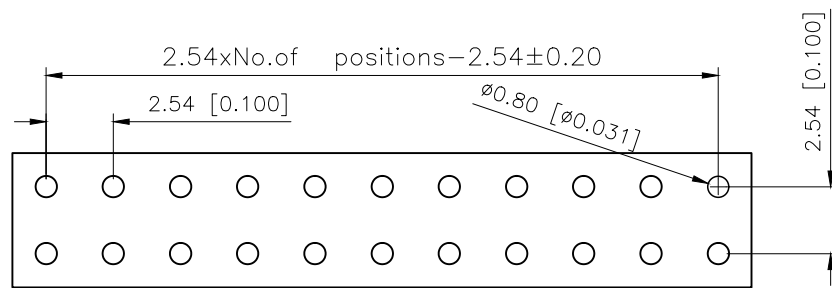


Technical Date
Pin(outer sleeve):Brass,machined CuZn38pb2
ClIp (Contact 6 Finger):Beryllium copper,heat teated
Insulator:PPS UL94V-0 colour:black
Current rating:3Amps
Mating Pinø:0.60/0.46mm
Mechanical Life:min 500 cycles
Contact resistance: 10mΩ max
Dielectric strength:1000V
Operating temperature:-40℃~+105℃
Soldering temperature:+255℃

PART NO.:

X5521 W V-2xXX-C40 D40-1196
① ② ③ ④ ⑤ ⑥ ⑦

- ①Series No
- ②Category:W-Wafer
- ③Welding Board Angle:V-Straight 180°
- ④Row No.Pin No:2xXX-2x01Pin-2xXXPin
- ⑤Plastic Height:C=4.0mm
- ⑥Pin Length:D=4.0mm
- ⑦1196:Type1196



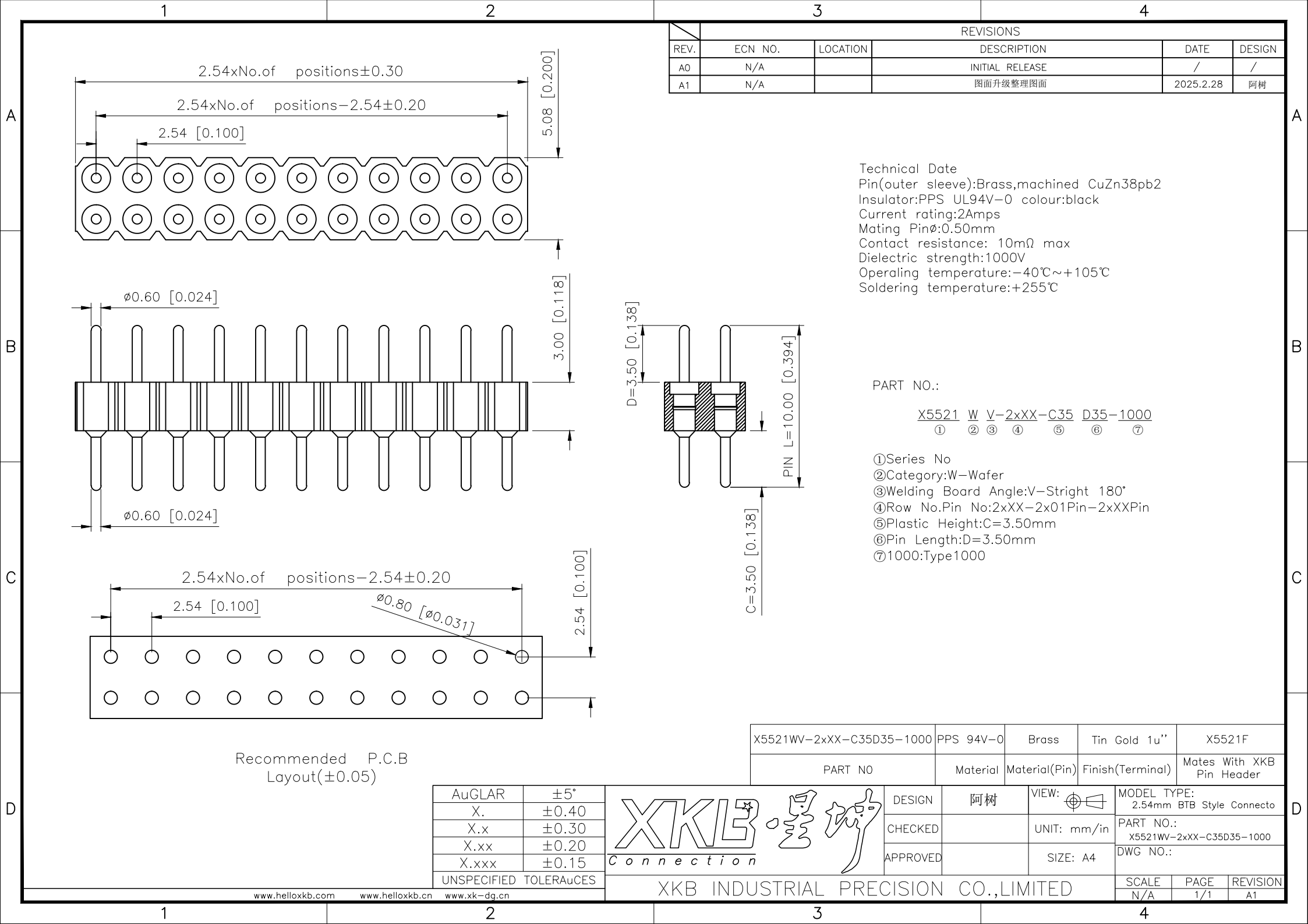
Recommended P.C.B
Layout(±0.05)

X5521WV-2xXX-C40D40-1196	PPS 94V-0	Brass	Tin Gold 1u''	X5521F
PART NO	Material	Material(Pin)	Finish(Terminal)	Mates With XKB Pin Header

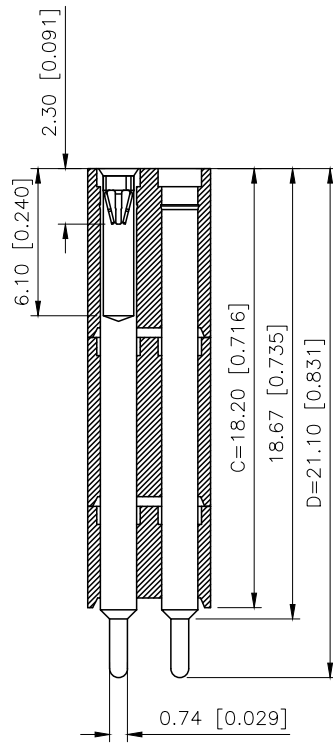
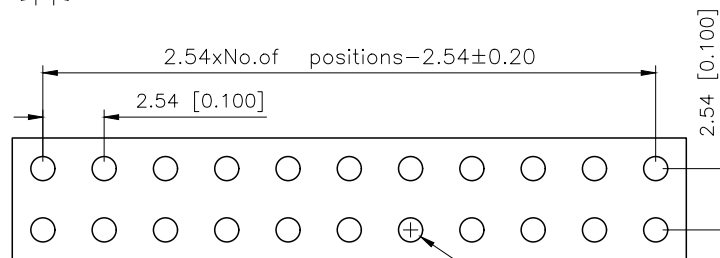
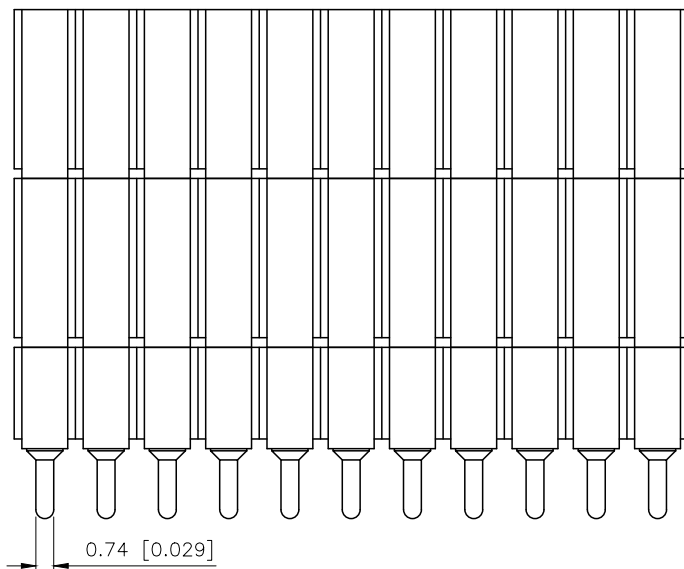
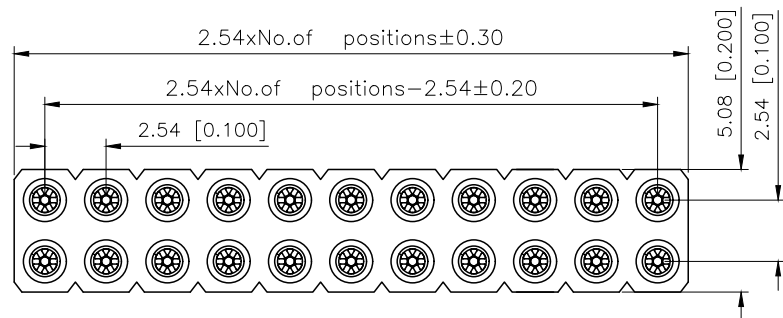
AuGLAR	±5°
X.	±0.40
X.x	±0.30
X.xx	±0.20
X.xxx	±0.15
UNSPECIFIED TOLERAUCES	



DESIGN	阿树	VIEW:		MODEL TYPE:	2.54mm BTB Style Connecto
CHECKED		UNIT:	mm/in	PART NO.:	x5521WV-2xXX-C40D40-1196
APPROVED		SIZE:	A4	DWG NO.:	



	REVISIONS				
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		图面升级整理图面	2025.2.28	阿树



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 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 °C to +105°C
Soldering temperature:+255°C

PART NO.:

X5521 F V-2xXX-C1820 D2110-2110
① ② ③ ④ ⑤ ⑥ ⑦

- ①Series No
②Category:F—Female
③Welding Board Angle:V—Stright 180°
④Row No.Pin No:2xXX—2x01Pin—2xXXPin
⑤Plastic Height:C=18.20mm
⑥Pin Length:D=21.10mm
⑦2110:Type2110

X5521FV-2xXX-C1820D2110-2110	PPS	Brass	X5521W
PART NO	Material	Material(Pin)	Suitable XKB Wafer

Recommended P.C.B
Layout(± 0.05)

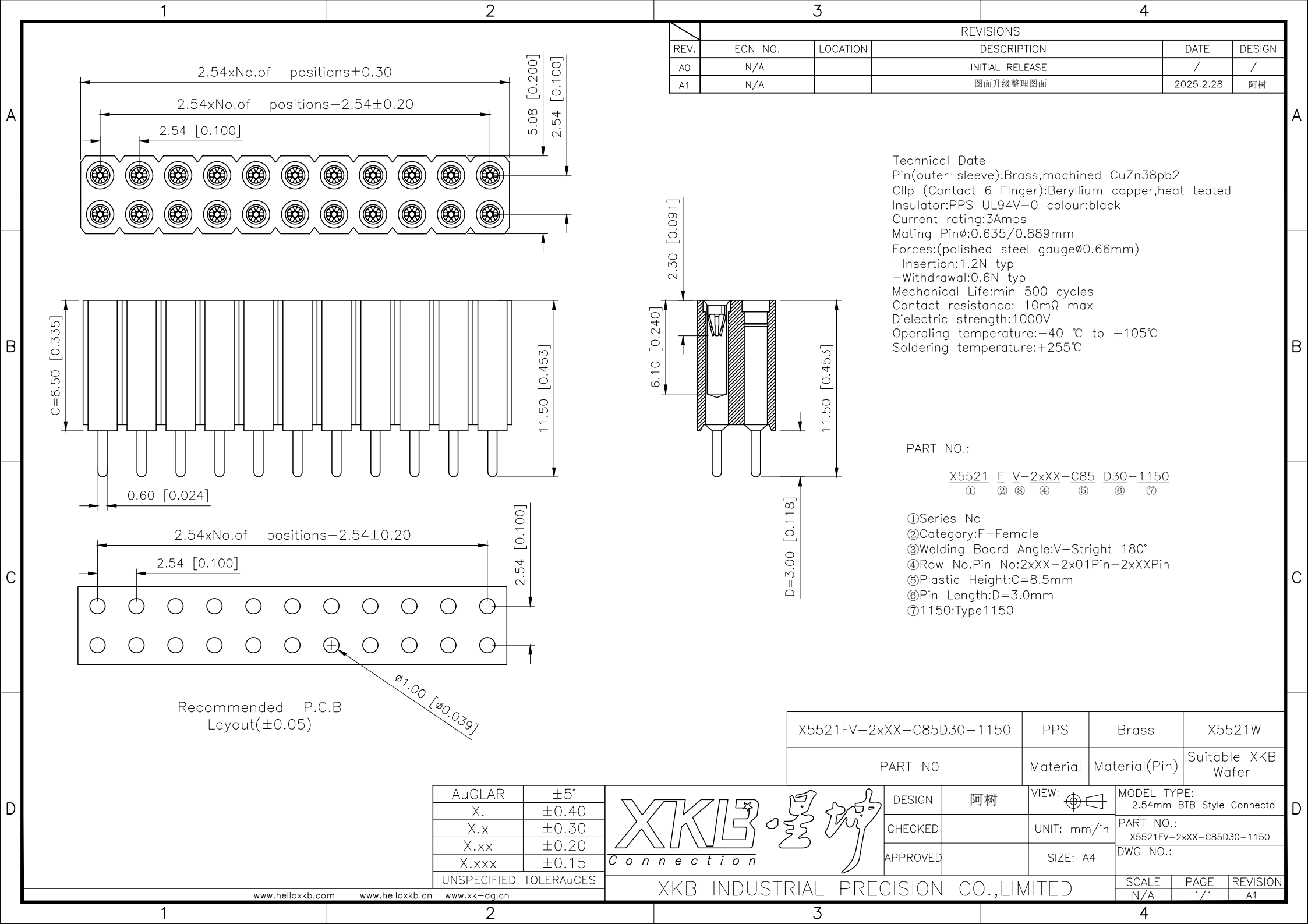
AuGLAR	$\pm 5^\circ$
X.	± 0.40
X.x	± 0.30
X.xx	± 0.20
X.xxx	± 0.15
UNSPECIFIED TOLERANCES	

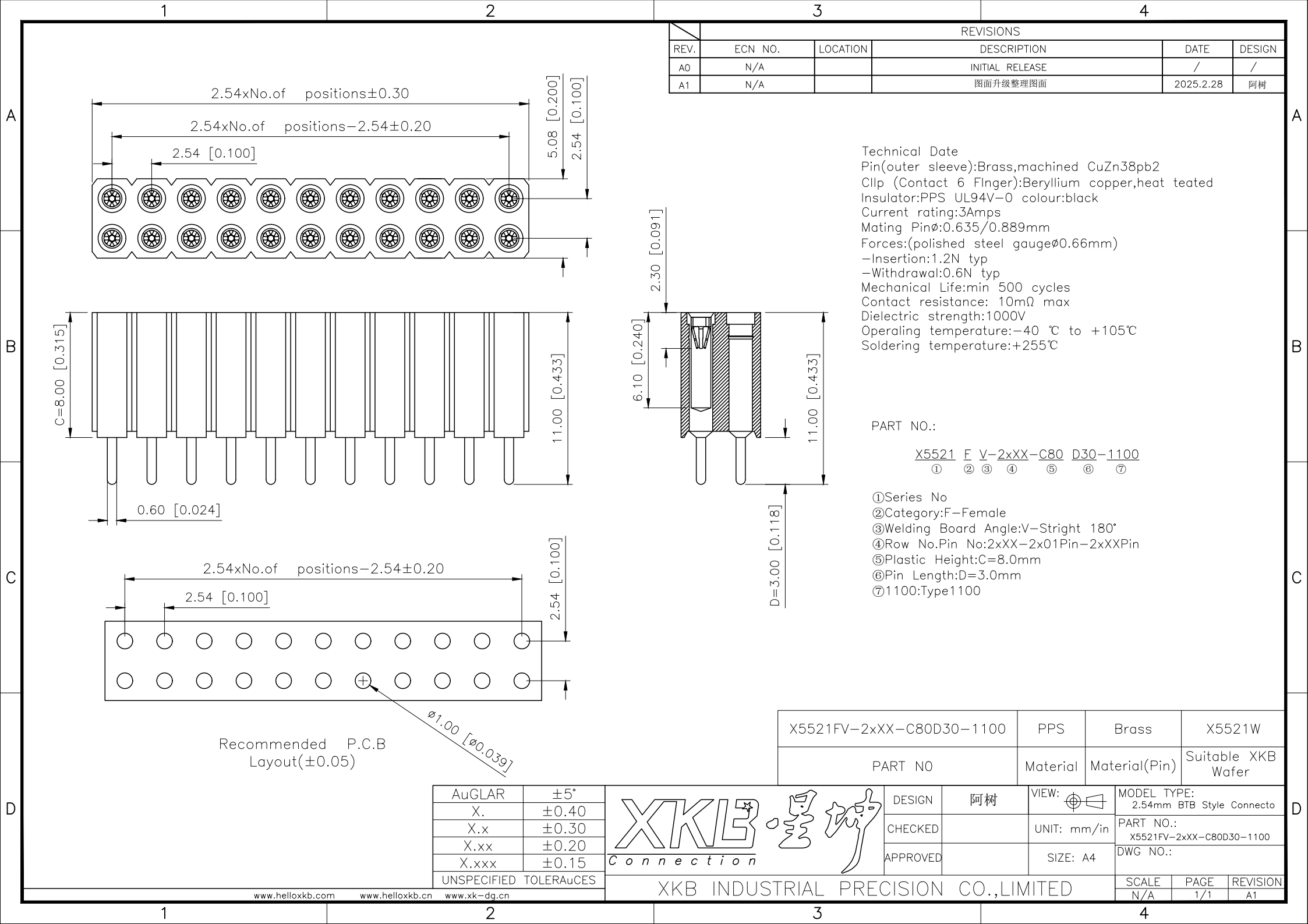


DESIGN	阿树	VIEW: 	MODEL TYPE: 2.54mm BTB Style Connecto
CHECKED		UNIT: mm/in	PART NO.: X5521FV-2xxx-C1820D2110-2110
APPROVED		SIZE: A4	DWG NO.:

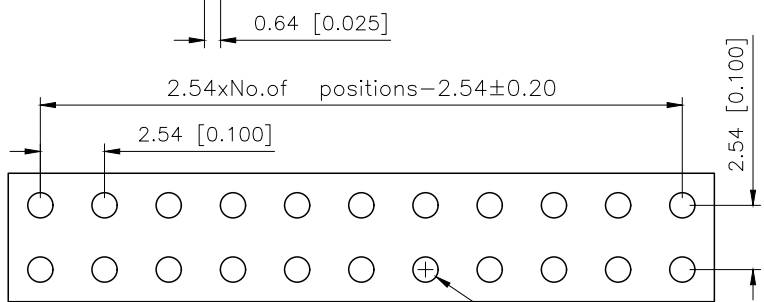
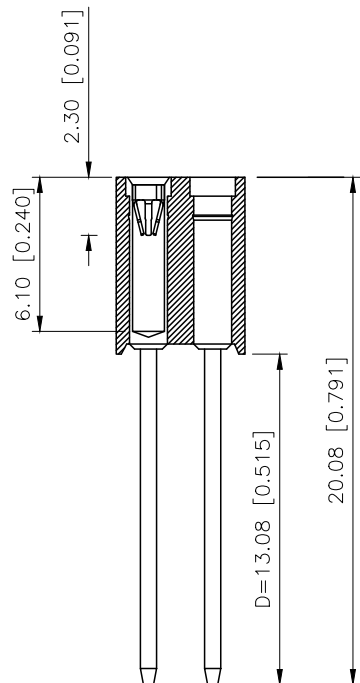
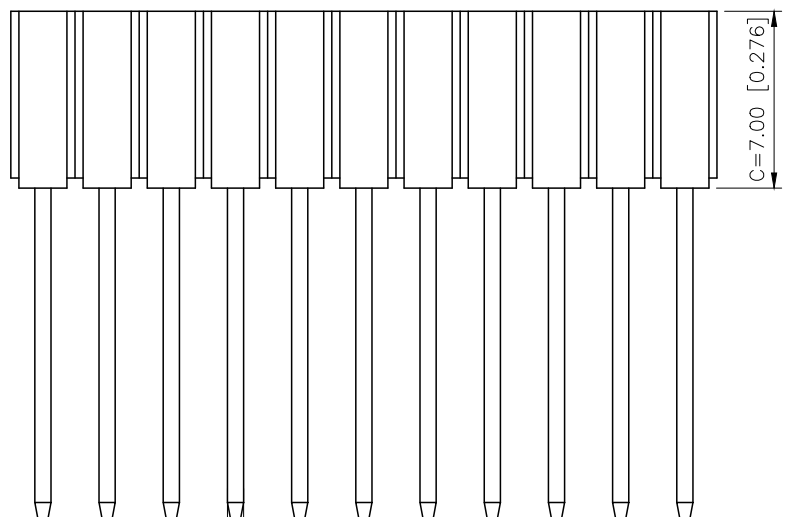
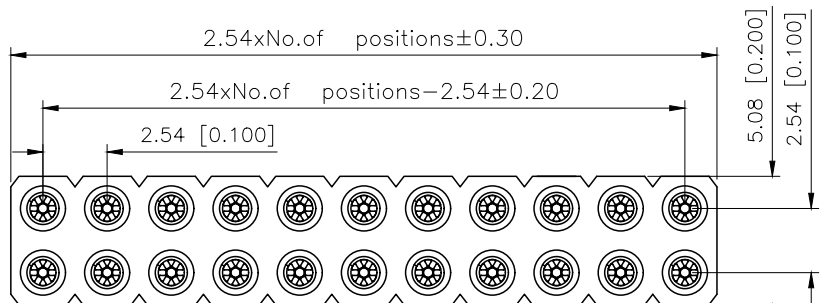
XKB INDUSTRIAL PRECISION CO.,LIMITED

SCALE	PAGE	REVISION
N/A	1/1	A1





	REVISIONS				
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		图面升级整理图面	2025.2.28	阿树



Recommended P.C.B
Layout(± 0.05)

Ø1.00 [Ø0.039]

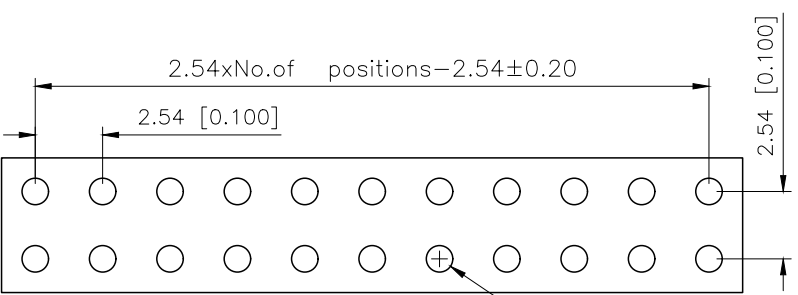
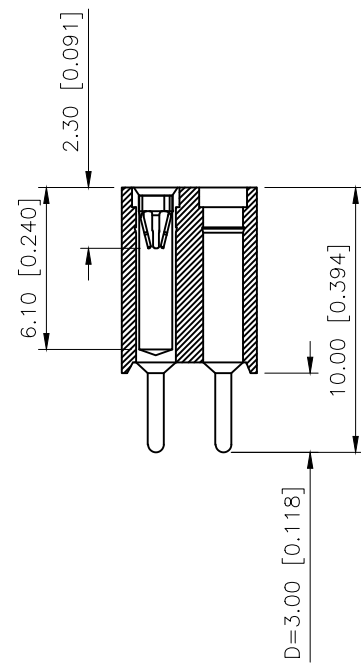
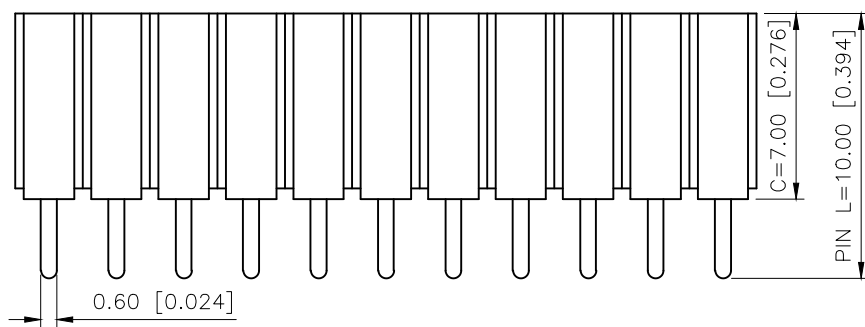
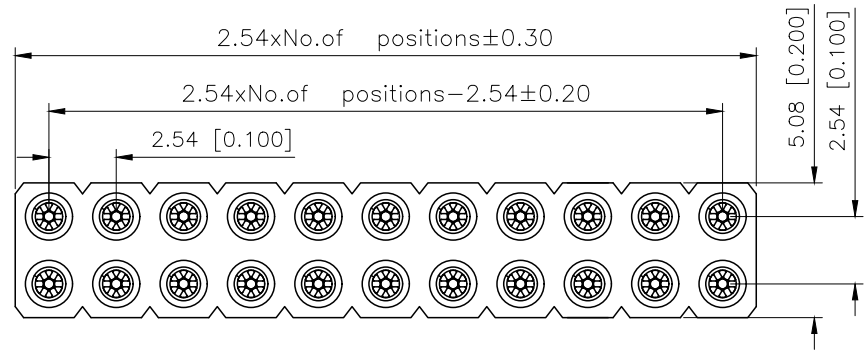
AuGLAR	$\pm 5^\circ$
X.	± 0.40
X.x	± 0.30
X.xx	± 0.20
X.xxx	± 0.15
UNSPECIFIED	TOLERAuCES



DESIGN	阿树	VIEW: 	MODEL TYPE: 2.54mm BTB Style Connecto
CHECKED		UNIT: mm/in	PART NO.: X5521FV-2×XX-C70D1308-2008
APPROVED		SIZE: A4	DWG NO.:

X5521FV-2xXX-C70D1308-2008	PPS	Brass	X5521W
PART NO	Material	Material(Pin)	Suitable XKB Wafer

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		图面升级整理图面	2025.2.28	阿树



Recommended P.C.B
Layout(±0.05)

ø1.00 [ø0.039]

Technical Date
Pin(outer sleeve):Brass,machined CuZn38pb2
Cllp (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.:

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

- ①Series No
- ②Category:F-Female
- ③Welding Board Angle:V-Stright 180°
- ④Row No.Pin No:2xXX-2x01Pin-2xXXPin
- ⑤Plastic Height:C=7.0mm
- ⑥Pin Length:D=3.0mm
- ⑦1000:Type1000

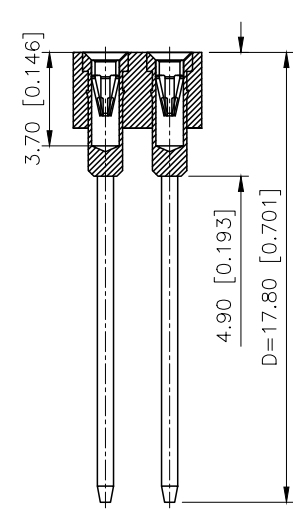
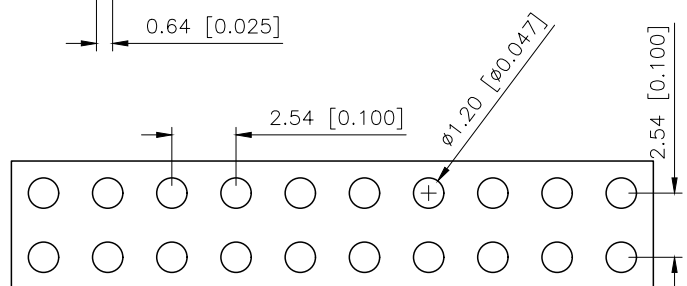
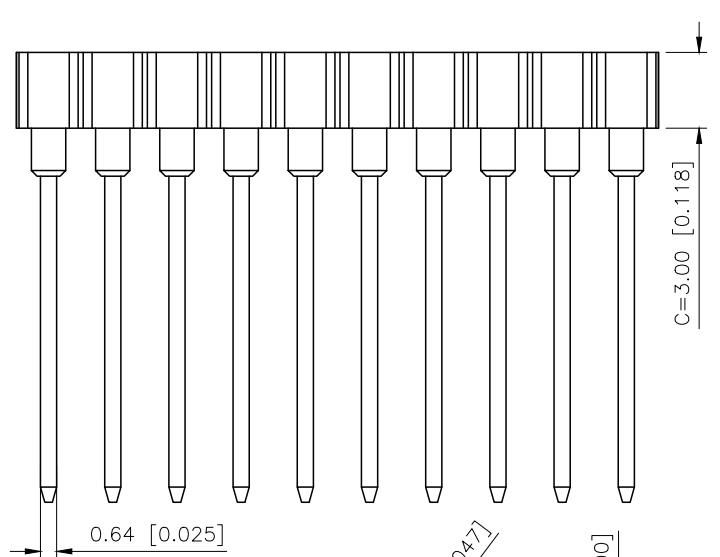
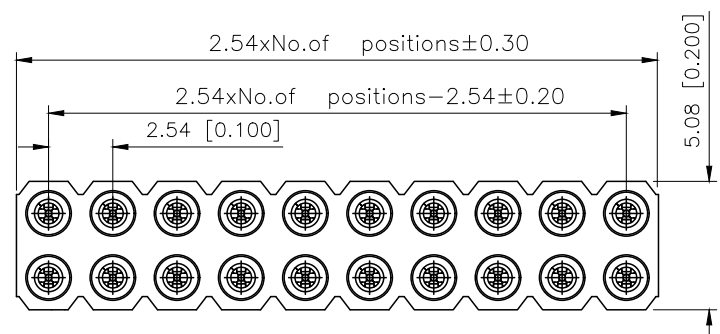
X5521FV-2xXX-C70D30-1000	PPS 94V-0	Brass	Tin Gold 1u''	X5521F
PART NO	Material	Material(Pin)	Finish(Terminal)	Mates With XKB Pin Header

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 Connecto
CHECKED		UNIT: mm/in	PART NO.: X5521FV-2xXX-C70D30-1000
APPROVED		SIZE: A4	DWG NO.:

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		图面升级整理图面	2025.2.28	阿树



Technical Date
Pin(outer sleeve):Brass,machined CuZn38pb2
Cllp (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 +105℃
Soldering temperature:+255℃

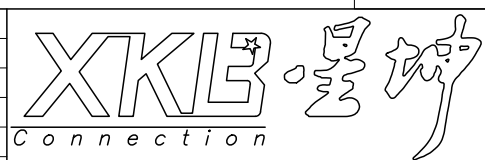
PART NO.:

X5521 F V-2xXX-C30 D1780-1780
① ② ③ ④ ⑤ ⑥ ⑦

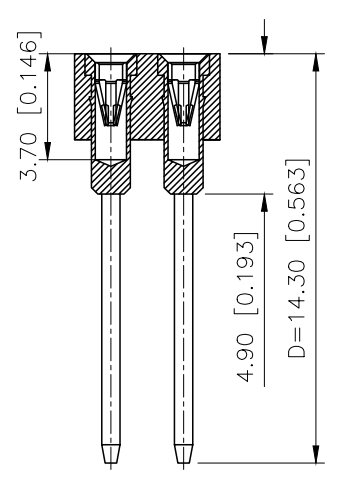
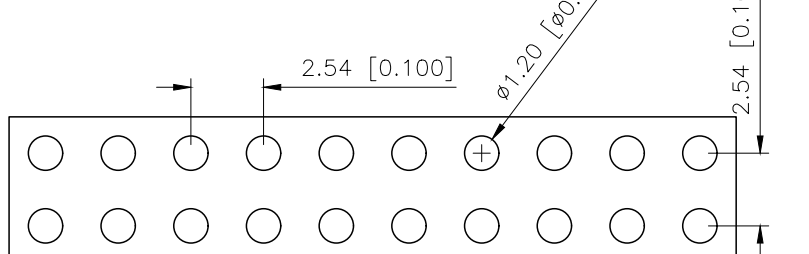
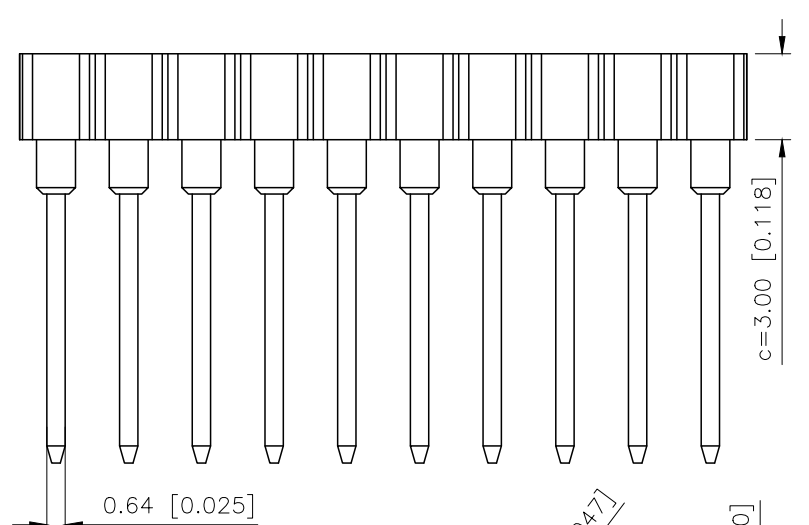
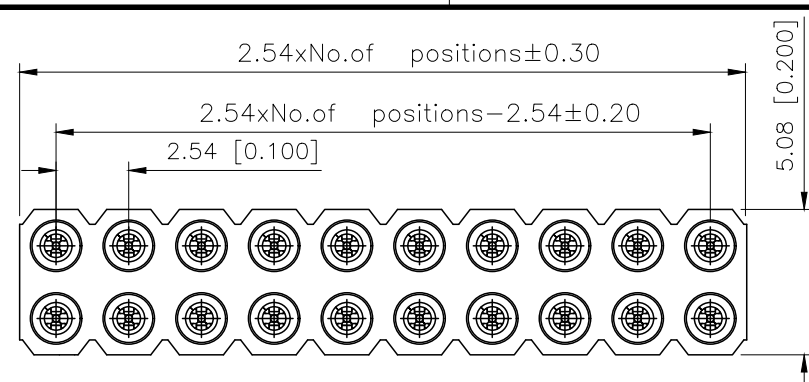
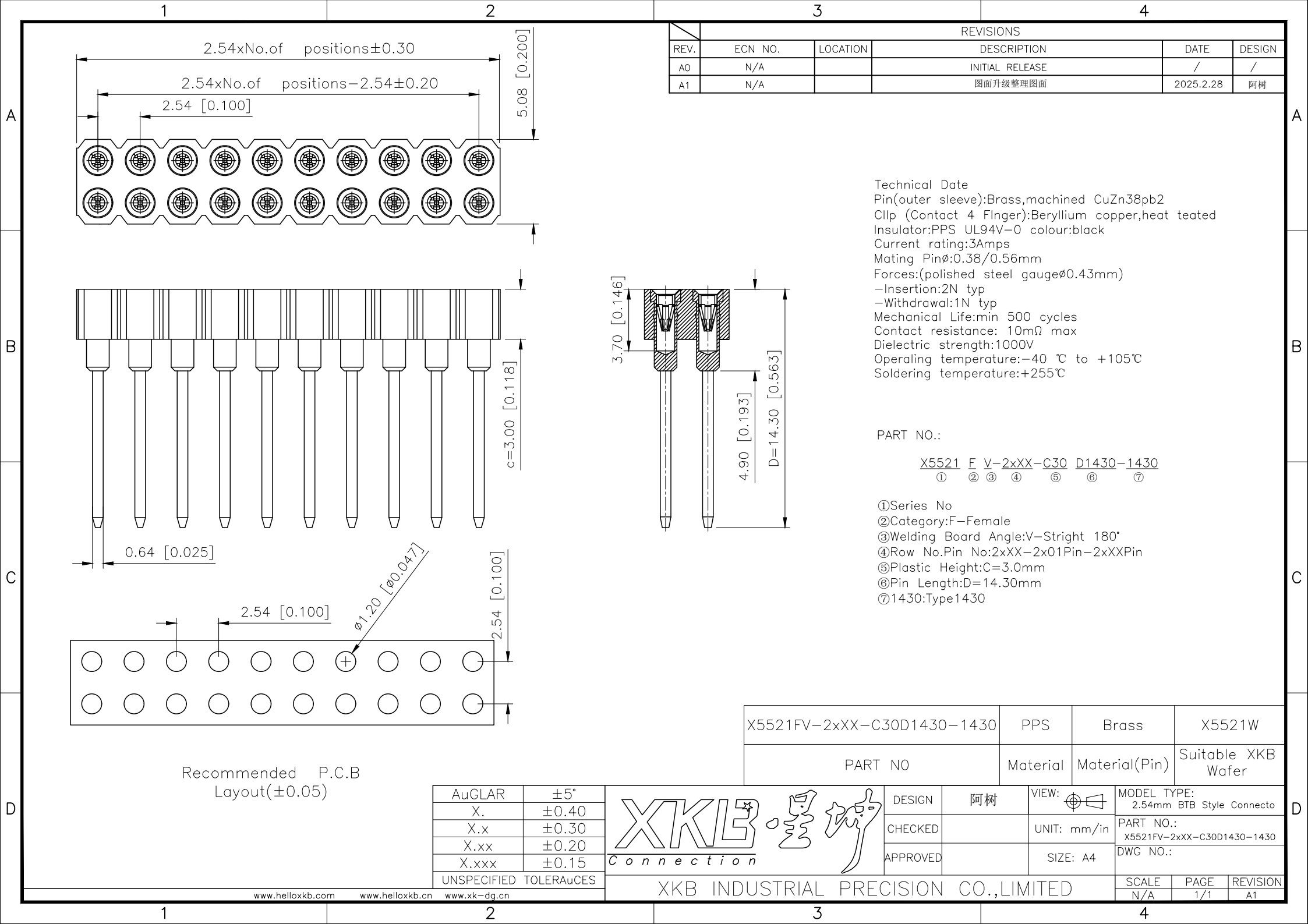
- ①Series No
- ②Category:F-Female
- ③Welding Board Angle:V-Stright 180°
- ④Row No.Pin No:2xXX-2x01Pin-2xXXPin
- ⑤Plastic Height:C=3.0mm
- ⑥Pin Length:D=17.80mm
- ⑦1780:Type1780

Recommended P.C.B
Layout(±0.05)

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 Connecto
CHECKED		UNIT:	mm/in	PART NO.:	X5521FV-2xXX-C30D1780-1780
APPROVED		SIZE:	A4	DWG NO.:	



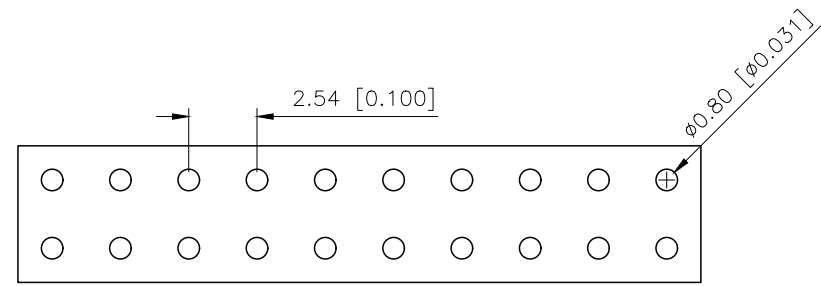
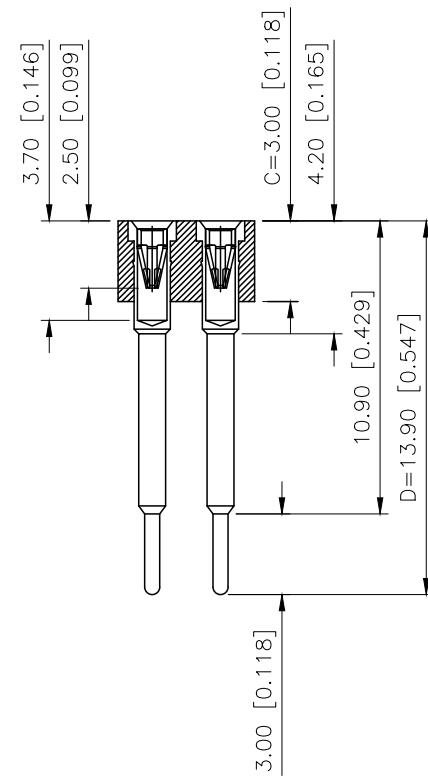
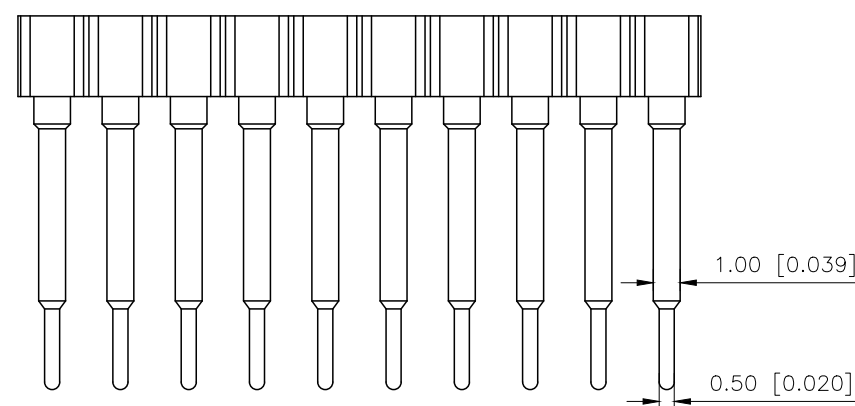
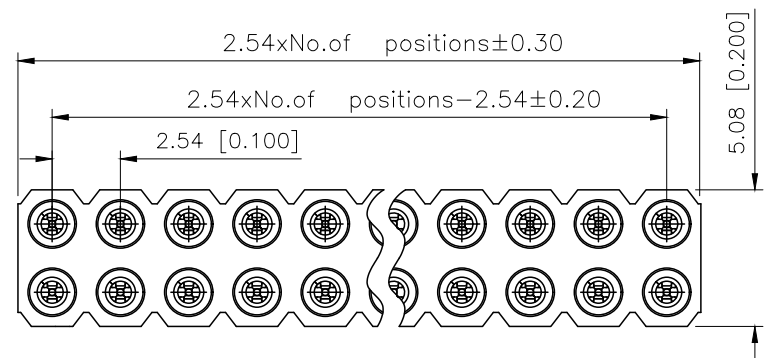
X5521FV-2xXX-C30D1430-1430		PPS	Brass	X5521W
PART NO		Material	Material(Pin)	Suitable XKB Wafer

	DESIGN	阿树	VIEW:	MODEL TYPE: 2.54mm BTB Style Connecto
	CHECKED		UNIT: mm/in	PART NO.: X5521FV-2xXX-C30D1430-1430
	APPROVED		SIZE: A4	DWG NO.:

DUSTRIAL PRECISION CO.,LIMITED	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 TOLERAUCES	

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		图面升级整理图面	2025.2.28	阿树



Technical Date
Pin(outer sleeve):Brass,machined CuZn38pb2
ClIp (Contact 4 Finger):Beryllium copper,heat treated
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 +105℃
Soldering temperature:+255℃

PART NO.:

X5521 F V-2xXX-C30 D1390-1390
① ② ③ ④ ⑤ ⑥ ⑦

- ①Series No
- ②Category:F-Female
- ③Welding Board Angle:V-Stright 180°
- ④Row No.Pin No:2xXX-2x01Pin-2xXXPin
- ⑤Plastic Height:C=3.0mm
- ⑥Pin Length:D=13.90mm
- ⑦1390:Type1390

Recommended P.C.B
Layout(±0.05)

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 Connecto
CHECKED		UNIT:	mm/in	PART NO.:	X5521FV-2xXX-C30D1390-1390
APPROVED		SIZE:	A4	DWG NO.:	

XKB INDUSTRIAL PRECISION CO.,LIMITED

SCALE	PAGE	REVISION
N/A	1/1	A1

1

2

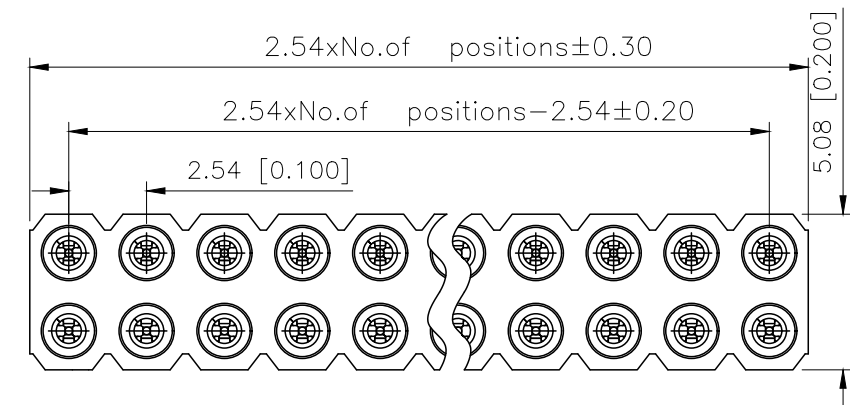
3

4

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
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A1	N/A		图面升级整理图面	2025.2.28	阿树

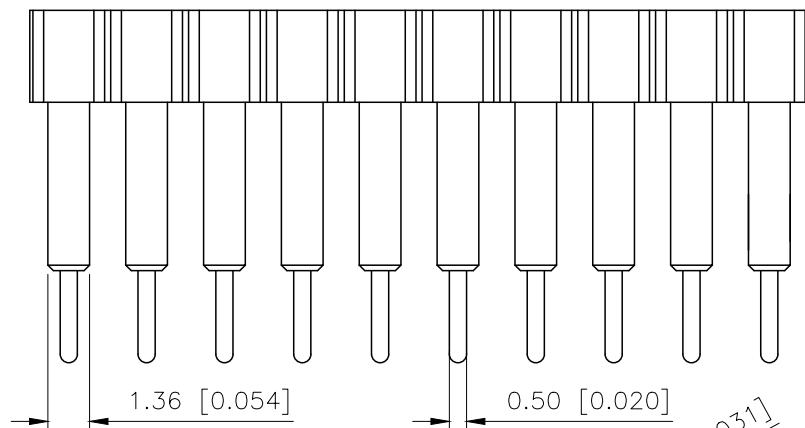
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A



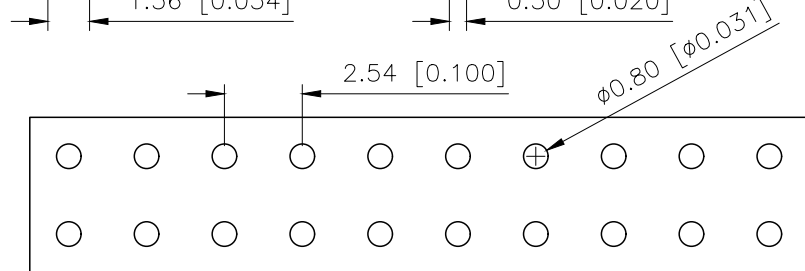
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B

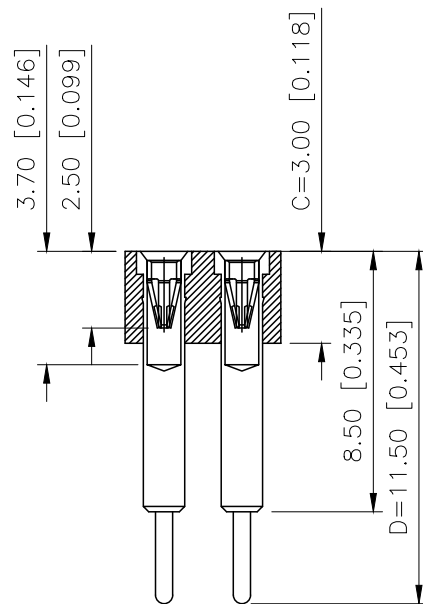


C

C



Recommended P.C.B
Layout(±0.05)



Technical Date
Pin(outer sleeve):Brass,machined CuZn38pb2
Cllp (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 °C to +105°C
Soldering temperature:+255°C

PART NO.:

X5521 F V -2xXX -C30 D1150 -1150
① ② ③ ④ ⑤ ⑥ ⑦

- ①Series No
②Category:F-Female
③Welding Board Angle:V-Stright 180°
④Row No.Pin No:2xXX-2x01Pin-2xXXPin
⑤Plastic Height:C=3.0mm
⑥Pin Length:D=11.50mm
⑦1150:Type1150

X5521FV-2xXX-C30D1150-1150	PPS	Brass	X5521W
PART NO	Material	Material(Pin)	Suitable XKB Wafer

D

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 Connecto
CHECKED		UNIT: mm/in	PART NO.: X5521FV-2xXX-C30D1150-1150
APPROVED		SIZE: A4	DWG NO.:

XKB INDUSTRIAL PRECISION CO.,LIMITED

SCALE	PAGE	REVISION
N/A	1/1	A1

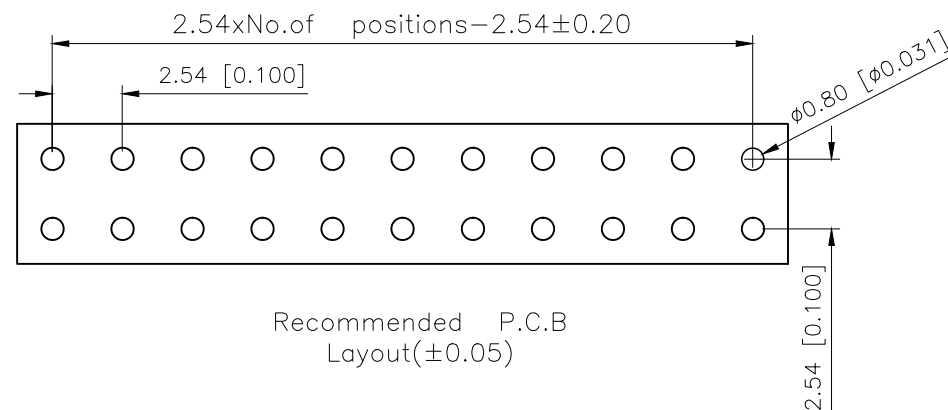
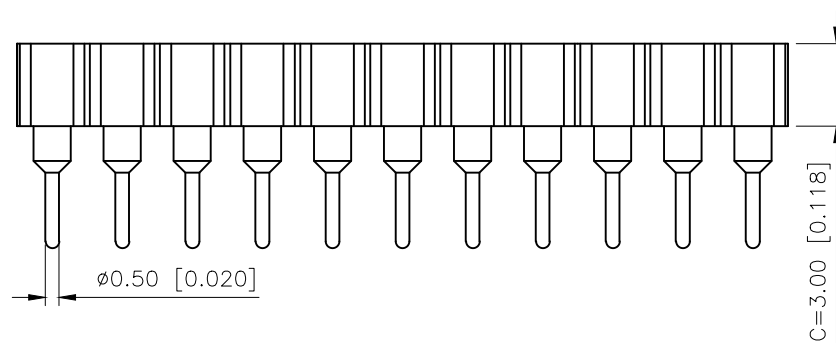
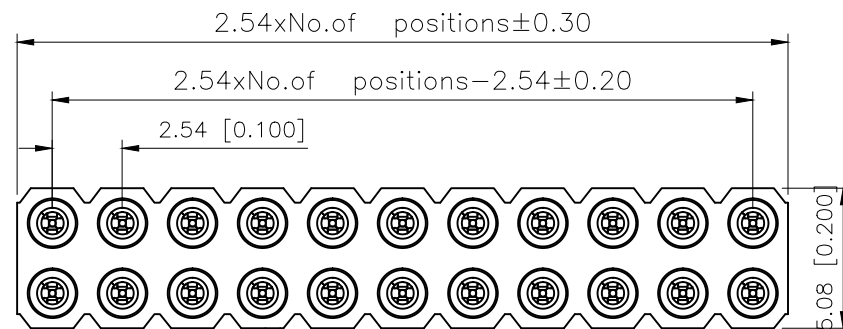
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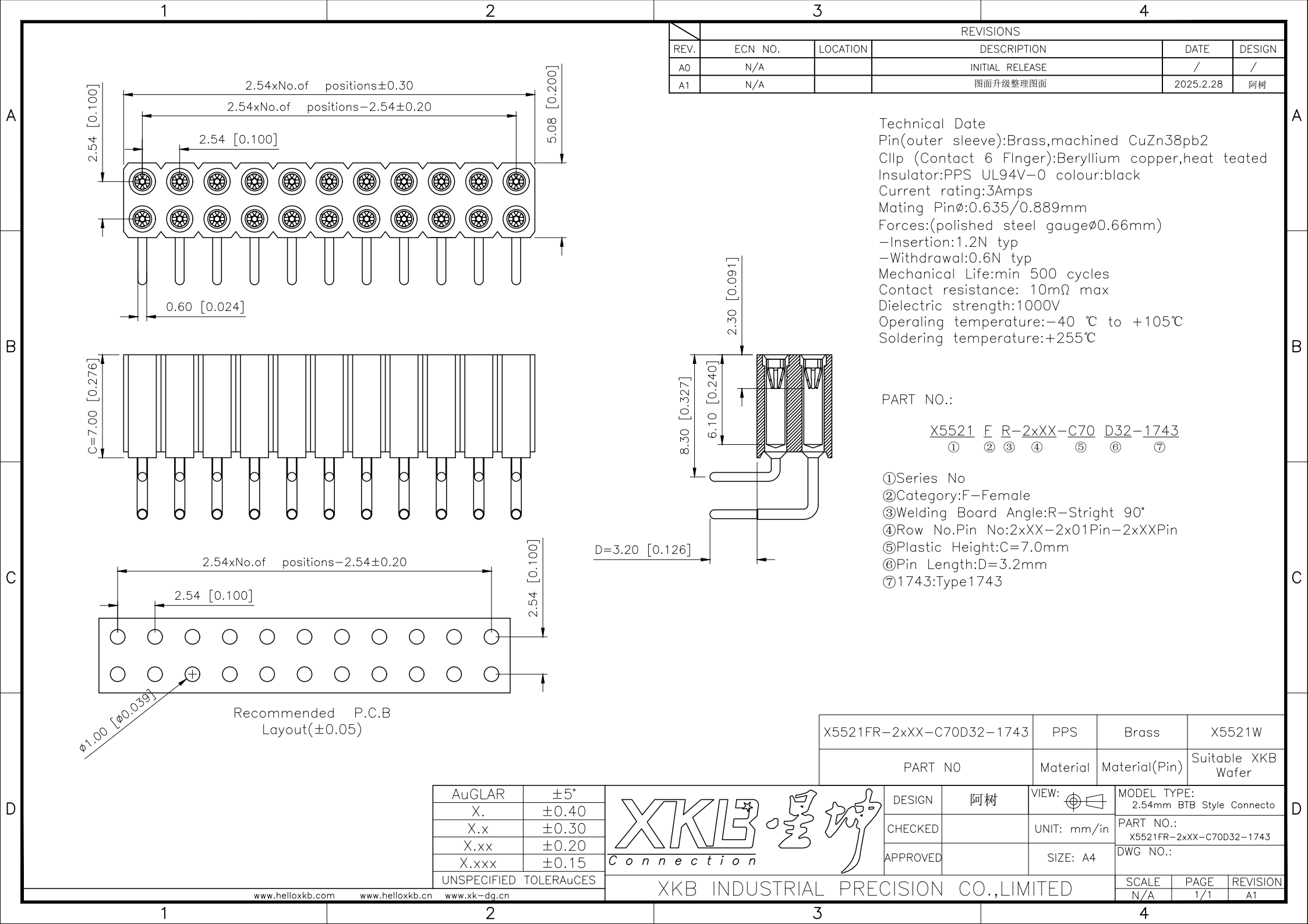
2

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	2025.2.28	阿树





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 500 cycles
 Contact resistance: 10m Ω max
 Dielectric strength:1000V
 Operating temperature:-40 °C to +105°C
 Soldering temperature:+255°C

X5521 F R-2xXX -C70 D32-1743
 ① ② ③ ④ ⑤ ⑥ ⑦

- ①Series No
②Category:F—Female
③Welding Board Angle:R—Stright 90°
④Row No.Pin No:2xXX—2x01Pin—2xXXPin
⑤Plastic Height:C=7.0mm
⑥Pin Length:D=3.2mm
⑦1743:Type1743

X5521FR-2xXX-C70D32-1743		PPS	Brass	X5521W
PART NO		Material	Material(Pin)	Suitable XKB Wafer
	DESIGN	阿树	VIEW: 	MODEL TYPE: 2.54mm BTB Style Connecto
	CHECKED		UNIT: mm/in	PART NO.: X5521FR-2xXX-C70D32-1743
	APPROVED		SIZE: A4	DWG NO.:
AL PRECISION CO.,LIMITED			SCALE N/A	PAGE 1/1
				REVISION A1

AuGLAR	$\pm 5^\circ$
X.	± 0.40
X.x	± 0.30
X.xx	± 0.20
X.xxx	± 0.15
UNSPECIFIED TOLERANCES	

XK13 星城
Connection

XKB INDUSTRIAL PRECISION CO.,LIMITED