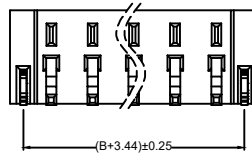
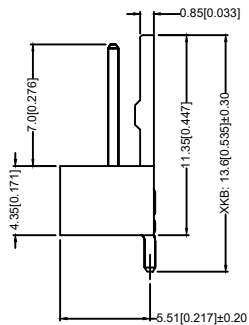


Recommended P.C.B Layout(Top Side)
P.C.B Thickness = 1.20-1.60mm
(Tolerance=±0.05)



X2510 W R S-04 - 9T SN

- ① ② ③ ④ ⑤ ⑥ ⑦

- ① Series No.
- ② Category: W-WAFER
- ③ Welding Board Angle: R-Right Angle 90°
- ④ Welding Way: S-SMT
- ⑤ Row No.-Pin No. XX-Single row
- ⑥ Material: 9T-PA9T UL94-V0
- ⑦ Planting Category: SN-Bright tin plating 70-120u"

Specifications:

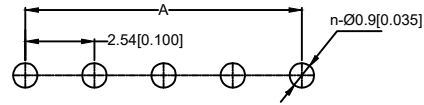
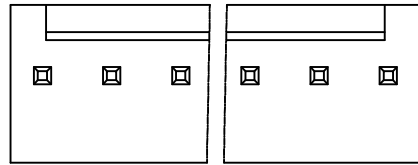
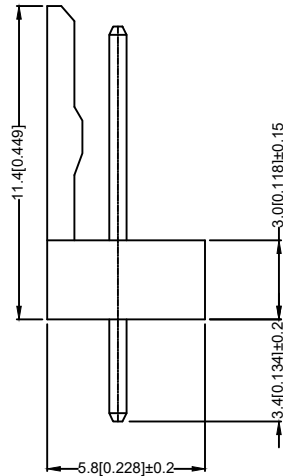
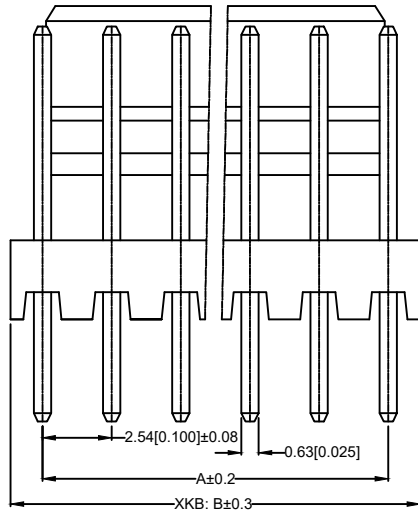
规格:

Voltage rating:250V AC/DC
 额定电压: 250V AC/DC
 Current rating: 4.0A
 额定电流: 4.0A
 Withstanding voltage: 1000V AC/minute
 耐压电压: 1000V AC/minute
 Temperature range: -25°C ~ +85°C
 温度范围: -25°C ~ +85°C
 Insulation resistance: ≥1000MΩ
 绝缘电阻: ≥1000MΩ
 Contact resistance: ≤0.02Ω
 接触电阻: ≤0.02Ω

Poles	Dimensions(mm)			
	A	B	C	D
2	7.62	2.54	-	-
3	-	-	-	-
4	12.70	7.62	-	-
5	15.24	10.16	-	-
6	-	-	-	-
7	-	-	-	-
8	-	-	-	-
9	-	-	-	-

X2510WRS-XX-9TSN	PA9T UL 94V-0	Brass	Tin Plating Fog	X2510H
PART NO	Material	Material(Pin)	Finish(Pin)	Mates With XKB Housing

REVISIONS					UNSPECIFIED TOLERANCES			DSND	DATE	SCALE: N/A	MODEL TYPE:
ΔX					ANGULAR	±5°		DWN	DATE	VIEW:	PART NO.:
ΔX					L ≤ 4	±0.2		CHKD	DATE	UNIT: mm/in	2.54 mm Crimp Style Connectors
ΔX					4 < L ≤ 16	±0.3		APPD	DATE	SIZE: A4	DWG NO.:
MARK	DESCRIPTION	DATE	REVISED	APPROVED	16 < L ≤ 63	±0.4					X2510WRS-XX-9TSN
					L > 63	±0.5		KKB INDUSTRIAL PRECISION CO., LIMITED			WEIGHT
											1.0g
											SHEET
											1/1
											REVISION
											A0



PCB
PCBLAYOUT

Specifications:

规格:
Voltage rating:250V AC/DC
额定电压: 250V AC/DC
Current rating: 3A AC / DC
额定电流: 3A AC / DC
Withstanding voltage: 1000V AC/minute
耐压电压: 1000V AC/minute
Temperature range:-25℃~+85℃
温度范围: -25℃~+85℃
Insulation resistance:≥1000MΩ
绝缘电阻: ≥1000MΩ
Contact resistance: ≤10mΩ
接触电阻:≤10mΩ
After environment testing: ≤20mΩ
环境试验后: ≤20mΩ

X2510 W V - XX - N0 SN

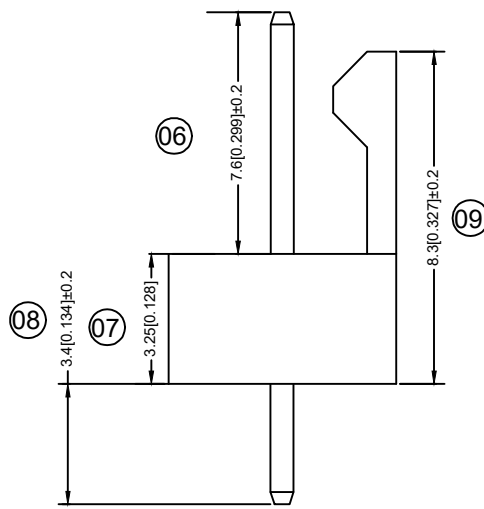
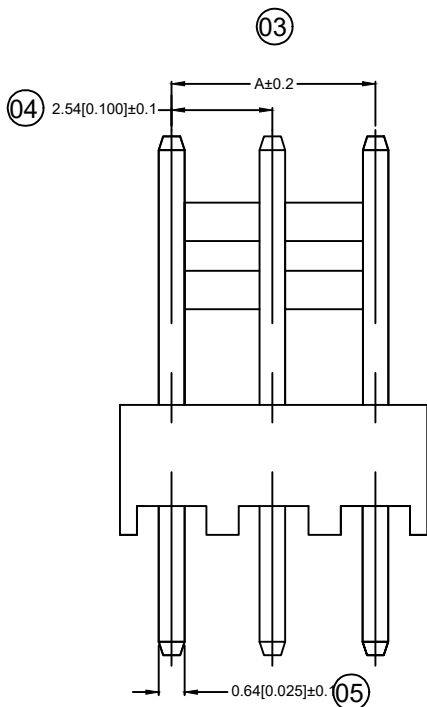
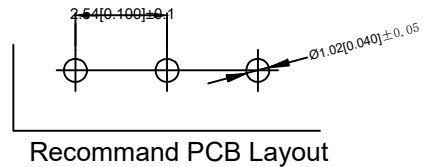
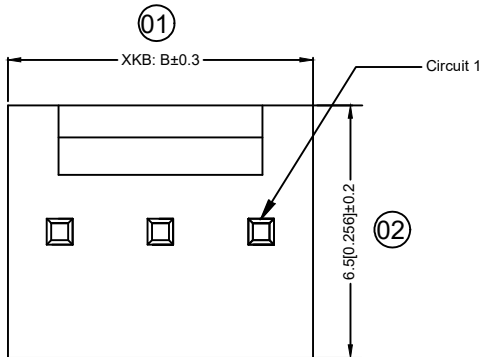
① ②③ ④ ⑤ ⑥

- ①Series No.
- ②Category: W-WAFER
- ③Welding Board Angle: V-180°
- ④Row No.-Pin No. XX-Single Row
- ⑤Material: N0-PA66 94V-0
- ⑥Planting Category SN-Bright Tin Plating

Poles	Dimensions(mm)		Poles	Dimensions(mm)	
	A	B		A	B
2	2.54	5.08	10	22.86	25.4
3	5.08	7.62	11	25.4	27.94
4	7.62	10.16	12	27.94	30.48
5	10.16	12.70	13	30.48	33.02
6	12.70	15.24	14	33.02	35.56
7	15.24	17.78	15	35.56	38.10
8	17.78	20.32			
9	20.32	22.86			

X2510WV-XX-N0SN	Nylon 66 UL 94V-0	Brass	Tin-Plated	X2510H
PART NO	Material	Material(Pin)	Finish(Pin)	Mates With XKB Housing

REVISIONS					UNSPECIFIED TOLERANCES	DSND	DATE	SCALE: N/A	MODEL TYPE:		
ΔX					ANGULAR						
ΔX					L ≤ 4			VIEW:	PART NO.:		
ΔX					4 < L ≤ 16			UNIT: mm/in	2.54 mm Crimp Style Connectors		
MARK	DESCRIPTION	DATE	REVISED	APPROVED	16 < L ≤ 63			SIZE: A4	DWG NO.:		
					L > 63				X2510WV-XX-N0SN		
					KKB INDUSTRIAL PRECISION CO., LIMITED				WEIGHT	SHEET	REVISION
									1.0g	1/1	A0



X2510 W V X- XX SP- N0SN XX
① ②③④⑤ ⑥ ⑦⑧⑨

- ① Series No.
- ② Category:
W-wafer
- ③ Welding Board Angle:
R90
- ④ Welding Way:
Blank-DIP
- ⑤ Row No.-Pin No.
XX-Single row
- ⑥ Special NO.
SP-Short back
- ⑦ Material:
NO-PA66 94V-0

Planting Category:
V:All Gold-Plated
01-Gold Flash 02-2U 03-3U 05-5U
10-10U 15-15U 30-30U 50-50U
SN-Bright tin plating 70-120U
SN-Bright tin plating 120U Min
SW-Fog Tin plating

- ⑨ Color:
Blank-natural color

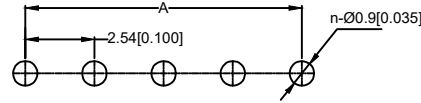
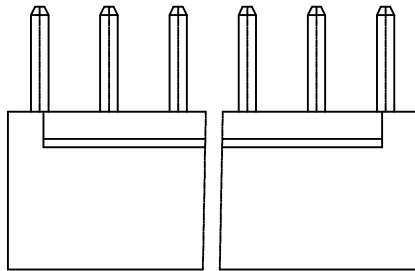
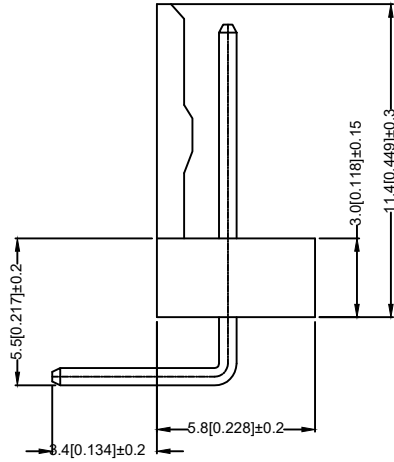
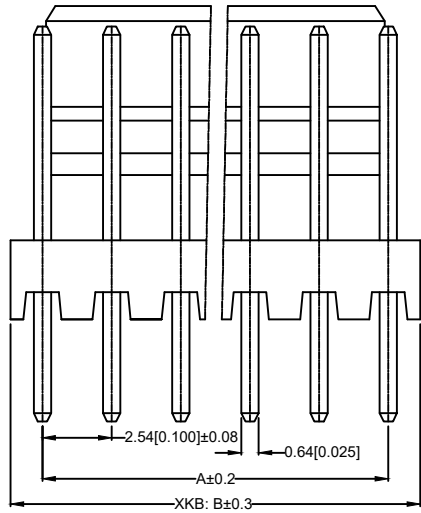
Specifications:

规格:
Voltage rating:250V AC/DC
额定电压: 250V AC/DC
Current rating:
额定电流:
Withstanding voltage: 800V AC/minute
耐压电压: 800V AC/minute
Temperature range:-25℃~+85℃
温度范围: -25℃~+85℃
Insulation resistance:≥1000MΩ
绝缘电阻: ≥1000MΩ
Contact resistance: ≤10mΩ
接触电阻:≤10mΩ
After environment testing: ≤20mΩ
环境试验后: ≤20mΩ

Poles	Dimensions (mm)	
	A	B
2	2.54	5.08
3	5.08	7.62
4	7.62	10.16
5	10.16	12.70
6	12.70	15.24
7	15.24	17.78
8	17.78	20.32
9	20.32	22.86
10	22.86	25.40
11	25.40	27.94
12	27.94	30.48
13	30.48	33.02
14	33.02	35.56
15	35.56	38.10
16	38.10	40.64
17	40.64	43.18
18	43.18	45.72
19	45.72	48.26
20	48.26	50.80

X2510WV-XXSP-N0SN	Nylon 66 UL94V-0	Brass	Tin-Plated	X2510H
PART NO	Material	Material(Pin)	Finist(Pin)	

REVISIONS					UNSPECIFIED TOLERANCES			XKB INDUSTRIAL PRECISION CO.,LIMITED			
ΔX					ANGLAR	±5°	DSND		DATE	SCALE: N/A	MODEL TYPE:
ΔX					L ≤ 4	±0.2	DWN		DATE	VIEW:	PART NO.:
ΔX					4 < L ≤ 16	±0.3	CHKD		DATE	UNIT: mm/in	2.54 mm Crimp Style Connectors
MARK	DESCRIPTION	DATE	REVISED	APPROVED	16 < L ≤ 63	±0.4	APPD		DATE	SIZE: A4	DWG NO.:
					L > 63	±0.5					X2510WV-XXSP-N0SN
											WEIGHT
											SHEET
											REVISION
											1.0g
											1/1
											A0



PCB
PCBLAYOUT

Specifications:

规格:
 Voltage rating:250V AC/DC
 额定电压: 250V AC/DC
 Current rating: 3A AC / DC
 额定电流: 3A AC / DC
 Withstanding voltage: 1000V AC/minute
 耐压电压: 1000V AC/minute
 Temperature range:-25℃~+85℃
 温度范围: -25℃~+85℃
 Insulation resistance:≥1000MΩ
 绝缘电阻: ≥1000MΩ
 Contact resistance: ≤10mΩ
 接触电阻: ≤10mΩ
 After environment testing: ≤20mΩ
 环境试验后: ≤20mΩ

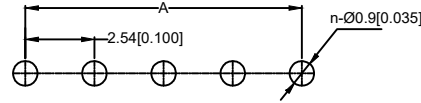
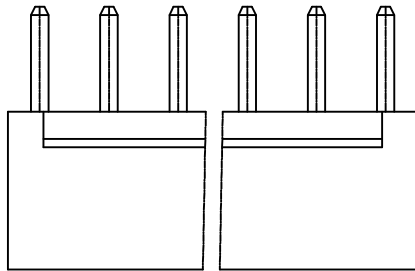
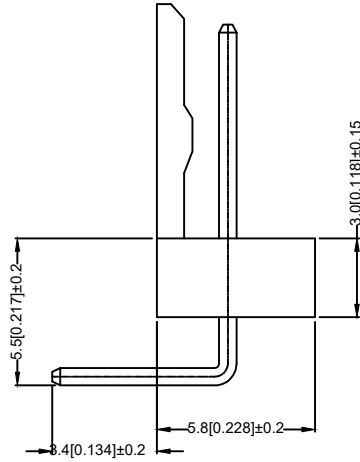
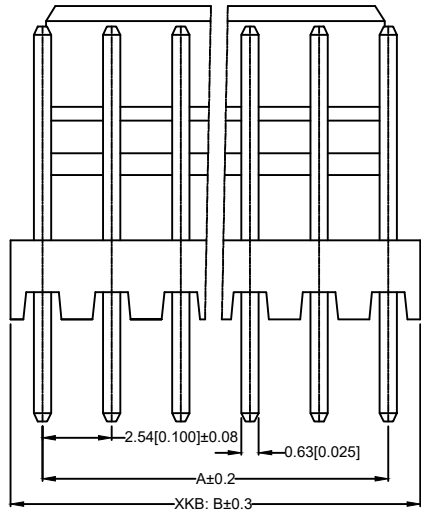
X2510 W R - XX - N0 SN

- ① Series No.
- ② Category: W-WAFER
- ③ Welding Board Angle: R-90°
- ④ Row No.-Pin No. XX-Single Row
- ⑤ Material: N0-PA66 94V-0
- ⑥ Planting Category SN-Bright Tin Plating

Poles	Dimensions(mm)		Poles	Dimensions(mm)	
	A	B		A	B
2	2.54	5.08	10	22.86	25.4
3	5.08	7.62	11	25.4	27.94
4	7.62	10.16	12	27.94	30.48
5	10.16	12.70	13	30.48	33.02
6	12.70	15.24	14	33.02	35.56
7	15.24	17.78	15	35.56	38.10
8	17.78	20.32			
9	20.32	22.86			

X2510WR-XX-N0SN	Nylon 66 UL 94V-0	Brass	Tin-Plated	X2510H
PART NO	Material	Material(Pin)	Finish(Pin)	Mates With XKB Housing

REVISIONS					UNSPECIFIED TOLERANCES	DSND	DATE	SCALE: N/A	MODEL TYPE:
ΔX					ANGULAR				
					L ≤ 4			VIEW:	PART NO.:
ΔX					4 < L ≤ 16			UNIT: mm/in	2.54 mm Crimp Style Connectors
ΔX					16 < L ≤ 63			SIZE: A4	DWG NO.:
MARK	DESCRIPTION	DATE	REVISED	APPROVED	L > 63				X2510WR-XX-N0SN
						KXB INDUSTRIAL PRECISION CO., LIMITED			WEIGHT
									SHEET
									REVISION
									1.0g
									1/1
									A0



PCB
PCBLAYOUT

Specifications:

规格:
 Voltage rating:250V AC/DC
 额定电压: 250V AC/DC
 Current rating: 3A AC / DC
 额定电流: 3A AC / DC
 Withstanding voltage: 1000V AC/minute
 耐压电压: 1000V AC/minute
 Temperature range:-25℃~+85℃
 温度范围: -25℃~+85℃
 Insulation resistance:≥1000MΩ
 绝缘电阻: ≥1000MΩ
 Contact resistance: ≤10mΩ
 接触电阻:≤10mΩ
 After environment testing: ≤20mΩ
 环境试验后: ≤20mΩ

X2510 W R - XX A- N0 SN

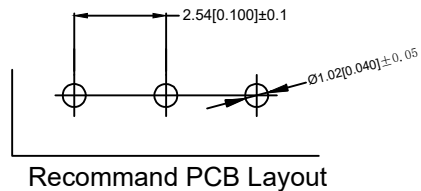
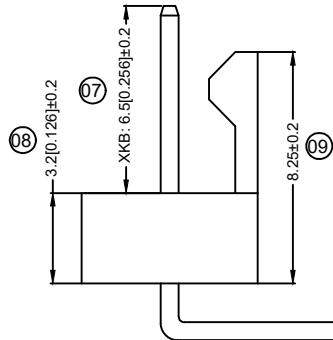
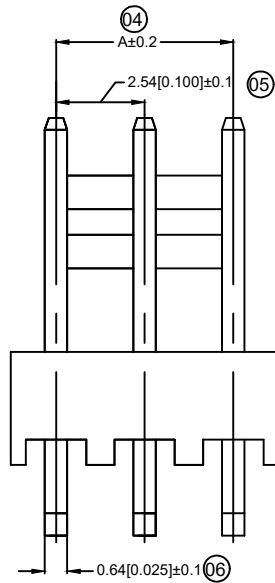
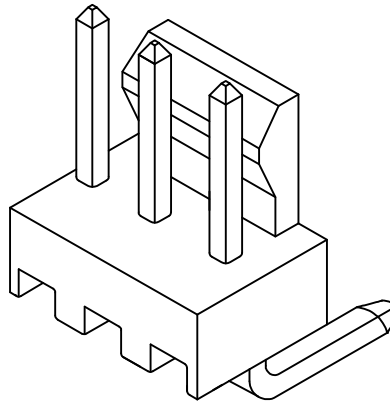
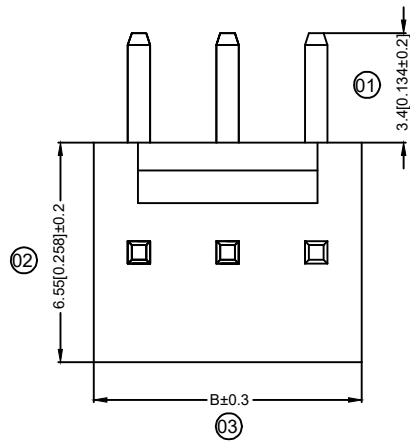
- ① ②③ ④⑤ ⑥ ⑦

- ①Series No.
- ②Category: W-WAFER
- ③Welding Board Angle: R-90°
- ④Row No.-Pin No. XX-Single Row
- ⑤Material: N0-PA66 94V-0
- ⑥Planting Category SN-Bright Tin Plating

Poles	Dimensions(mm)		Poles	Dimensions(mm)	
	A	B		A	B
2	2.54	5.08	10	22.86	25.4
3	5.08	7.62	11	25.4	27.94
4	7.62	10.16	12	27.94	30.48
5	10.16	12.70	13	30.48	33.02
6	12.70	15.24	14	33.02	35.56
7	15.24	17.78	15	35.56	38.10
8	17.78	20.32			
9	20.32	22.86			

X2510WR-XXA-N0SN	Nylon 66 UL 94V-0	Brass	Tin-Plated	X2510H
PART NO	Material	Material(Pin)	Finish(Pin)	Suitable XKB Housing

REVISIONS					UNSPECIFIED TOLERANCES	DSND	DATE	SCALE: N/A	MODEL TYPE:
ΔX					ANGULAR				
					L ≤ 4			VIEW:	PART NO.:
ΔX					4 < L ≤ 16			UNIT: mm/in	2.54 mm Crimp Style Connectors
ΔX					16 < L ≤ 63			SIZE: A4	DWG NO.:
MARK	DESCRIPTION	DATE	REVISED	APPROVED	L > 63				X2510WR-XXA-N0SN
						KKB INDUSTRIAL PRECISION CO., LIMITED			WEIGHT
									SHEET
									REVISION
									1.0g
									1/1
									A0



X2510 W R X- XX SP- N0SN XX

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- ① Series No.
- ② Category:
W-wafer
- ③ Welding Board Angle:
R90
- ④ Welding Way:
Blank-DIP
- ⑤ Row No.-Pin No.
XX-Single row
- ⑥ Special NO.
SP-Short back
- ⑦ Material:
NO-PA66 94V-0

Planting Category:

V:All Gold-Plated
01-Gold Flash 02-2U 03-3U 05-5U
10-10U 15-15U 30-30U 50-50U
SN-Bright tin plating 70-120U
SN-Bright tin plating 120U Min
SW-Fog Tin plating

- ⑨ Color:
Blank-natural color

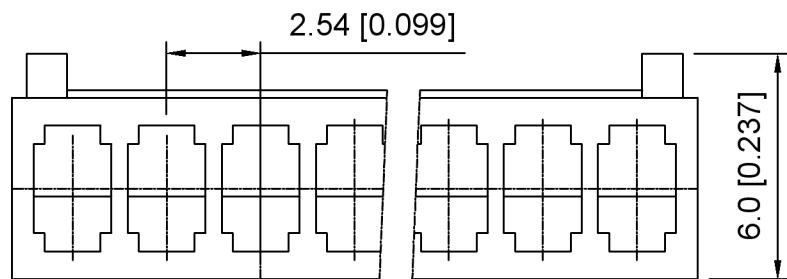
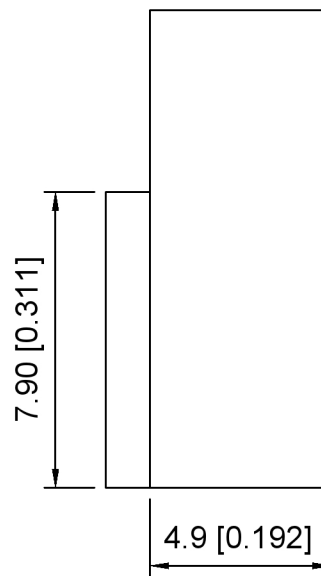
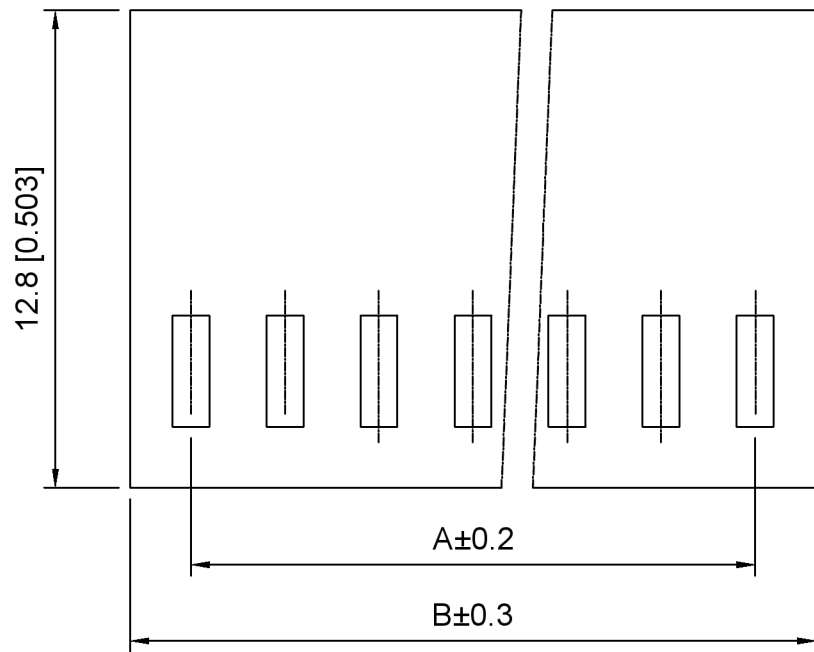
Specifications:

规格:
Voltage rating:250V AC/DC
额定电压: 250V AC/DC
Current rating:
额定电流:
Withstanding voltage: 800V AC/minute
耐压电压: 800V AC/minute
Temperature range:-25℃~+85℃
温度范围: -25℃~+85℃
Insulation resistance:≥1000MΩ
绝缘电阻: ≥1000MΩ
Contact resistance: ≤10mΩ
接触电阻: ≤10mΩ
After environment testing: ≤20mΩ
环境试验后: ≤20mΩ

Poles	Dimensions (mm)	
	A	B
2	2.54	5.08
3	5.08	7.62
4	7.62	10.16
5	10.16	12.70
6	12.70	15.24
7	15.24	17.78
8	17.78	20.32
9	20.32	22.86
10	22.86	25.40
11	25.40	27.94
12	27.94	30.48
13	30.48	33.02
14	33.02	35.56
15	35.56	38.10
16	38.10	40.64
17	40.64	43.18
18	43.18	45.72
19	45.72	48.26
20	48.26	50.80

X2510WR-XXSP-N0SN	Nylon 66 UL94V-0	Brass	Tin-Plated	X2510H
PART NO	Material	Material(Pin)	Finist(Pin)	Mates With XKB Housing

REVISIONS					UNSPECIFIED TOLERANCES	DSND	DATE	SCALE: N/A	MODEL TYPE:
ΔX					ANGULAR ±5°	DWN	DATE	VIEW:	PART NO.:
ΔX					L ≤ 4 ±0.2	CHKD	DATE	UNIT: mm/in	2.54 mm Crimp Style Connectors
ΔX					4 < L ≤ 16 ±0.3	APPD	DATE	SIZE: A4	DWG NO.:
MARK	DESCRIPTION	DATE	REVISED	APPROVED	16 < L ≤ 63 ±0.4	X2510WR-XXSP-N0SN			
					L > 63 ±0.5	KXB INDUSTRIAL PRECISION CO., LIMITED			WEIGHT
									SHEET
									REVISION
									1.0g
									1/1
									A0



Specifications:

规格:

Voltage rating:250V AC/DC

额定电压: 250V AC/DC

Current rating:3A AC/DC

额定电流: 3A AC/DC

Withstanding voltage:1000V AC/minute

耐受电压: 1000V AC/分钟

Temperature range:-25°C-+85°C

温度范围: -25°C-+85°C

Insulation resistance:1000MΩ min

绝缘电阻: 1000MΩ Min

Contact resistance:20mΩ Max

接触电阻: 20mΩ Max

X2510 H - XX - N0

① ② ③ ④

1.Series No

2.Category:H-HSG

3.Row No.Pin No:XX-02~16P

4.Material:N0-PA66 UL94V-0

Poles	Dimensions(mm)		Poles	Dimensions(mm)	
	A	B		A	B
02	2.54	5.80	10	22.86	26.12
03	5.08	8.34	11	25.40	28.66
04	7.62	10.88	12	27.94	31.20
05	10.16	13.42	13	30.48	33.74
06	12.70	15.96	14	33.02	36.28
07	15.24	18.50	15	35.56	38.82
08	17.78	21.04	16	38.10	41.36
09	20.32	23.58			

X2510H-XX-N0	PA66	X2510W	X2510T
PART NO	Material	Suitable XKB Wafer	Suitable XKB Terminal

DSND	SCALE: N/A	MODEL TYPE: 2.54mm Crimp Style Connector
DWN	VIEW:	PART NO.: X2510H-XX-N0
CHKD	UNIT: mm/in	DWG NO.: X-X2510H-XX-N0
APPD	SIZE: A4	

XKLB

XKB INDUSTRIAL PRECISION CO.,LIMITED

WEIGHT	SHEET	REVISION
	1/1	A0

ANGLAR	±5°
L ≤ 4	±0.2
4 < L ≤ 16	±0.3
16 < L ≤ 63	±0.4
L > 63	±0.5

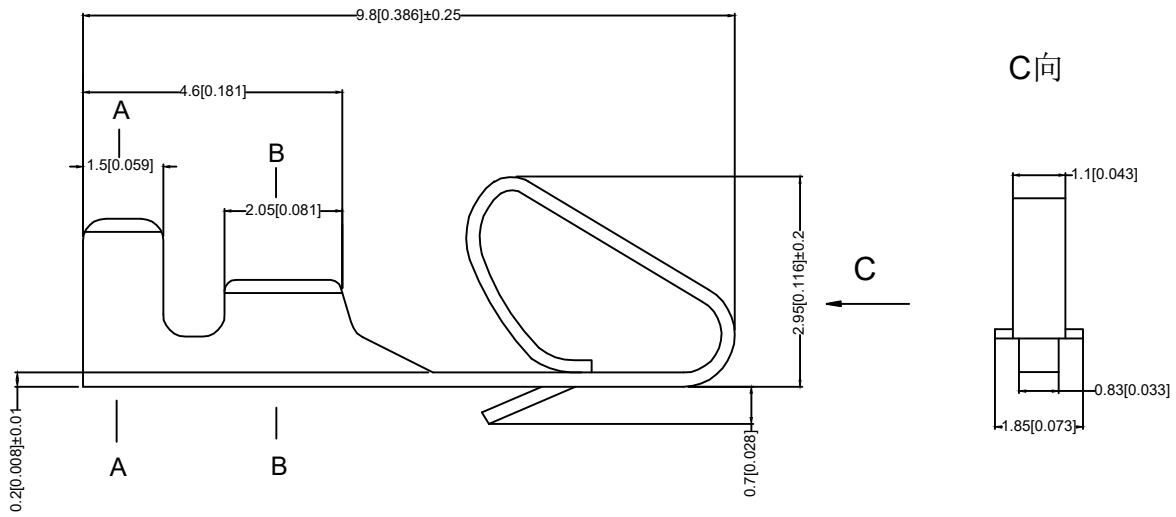
UNSPECIFIED TOLERANCES

广东星坤科技股份有限公司

DATE	DATE
日期	日期

文件工程章

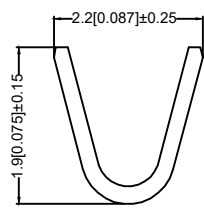
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MARK	DATE
DESCRIPTION	REVISED
	APPROVED



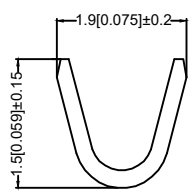
Specifications:

规格:
Voltage rating: 250V AC/DC
 额定电压: 250V AC/DC
Current rating: 3A AC / DC
 额定电流: 3A AC / DC
Withstanding voltage: 1000V AC/minute
 耐压电压: 1000V AC/minute
Temperature range: -25°C ~ +85°C
 温度范围: -25°C ~ +85°C
Insulation resistance: ≥1000MΩ
 绝缘电阻: ≥1000MΩ
Contact resistance: ≤10Ω
 接触电阻: ≤10Ω
After environmental testing: ≤20mΩ
 环境测试后: ≤20mΩ

A-A



B-B



X2510 T-P SN

- ① ②③ ④
- ① Series Number.
 - ② Category: T-terminal
 - ③ Material: P-Phosphor bronze
 - ④ Planting style: SN-Bright tin plating

X2510T-PSN	Brass	AWG#22-28	1.57mm (Max)	Stamping Before Plating: 30u" Ni; 70u" Sn	X2510H
PART NO	Material	Wire Range	Insulation O.D.	Finish	Mates With XKB Housing

					ANGLAR	±5°	DSND		DATE		SCALE: N/A	MODEL TYPE:		
ΔX					L ≤ 4	±0.2	DWN		DATE		VIEW:	PART NO.:		
ΔX					4 < L ≤ 16	±0.3	CHKD		DATE		UNIT: mm/in	2.54 mm Crimp Style Connectors		
ΔX					16 < L ≤ 63	±0.4	APPD		DATE		SIZE: A4	DWG NO.:		
MARK	DESCRIPTION	DATE	REVISED	APPROVED	L > 63	±0.5	UNSPECIFIED TOLERANCES					X2510T-BSNX		
REVISIONS							KXB INDUSTRIAL PRECISION CO., LIMITED					WEIGHT	SHEET	REVISION
www.xk-dg.cn www.helloxkb.com www.helloxkb.cn												1.0g	1/1	A0