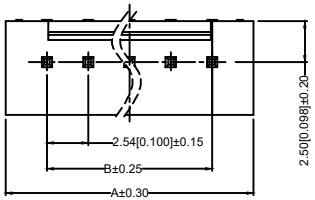
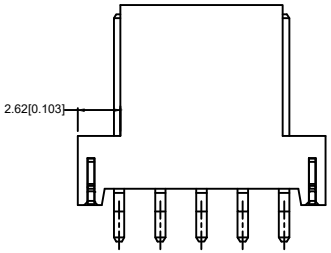
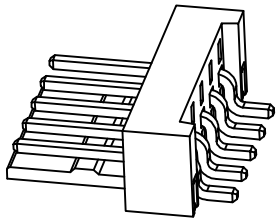
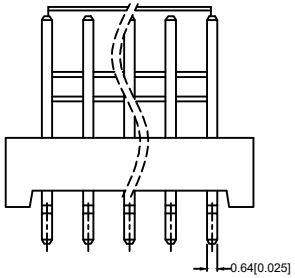
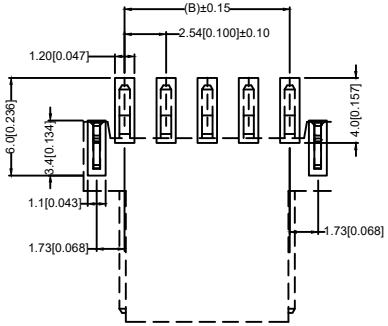


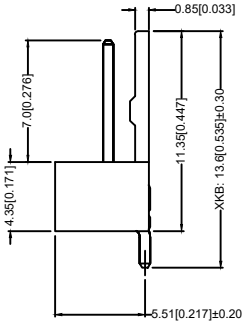


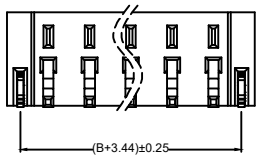






Recommended P.C.B Layout(Top Side)
P.C.B Thickness = 1.20-1.60mm
(Tolerance=±0.05)





X2510 W R S- 04 - 9T SN

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

Specifications:

Voltage rating:250V AC/DC
250V AC/DC
Current rating: 4.0A
: 4.0A
Withstanding voltage: 1000V AC/minute
1000V AC/minute
Temperature range:-25 +85
-25 +85
Insulation resistance:≥1000MΩ
≥1000MΩ
Contact resistance ≤0.02Ω
:≤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 N0	Material	Material(Pin)	Finish(Pin)	Mates With XKB Housing

MARK	DESCRIPTION	DATE	REVISED	APPROVED
ΔX				
ΔX				
ΔX				

REVISIONS

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

UNSPECIFIED TOLERANCES

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DSND		DATE		SCALE: N/A
DWN		DATE		VIEW:
CHKD		DATE		UNIT: mm/in
APPD		DATE		SIZE: A4

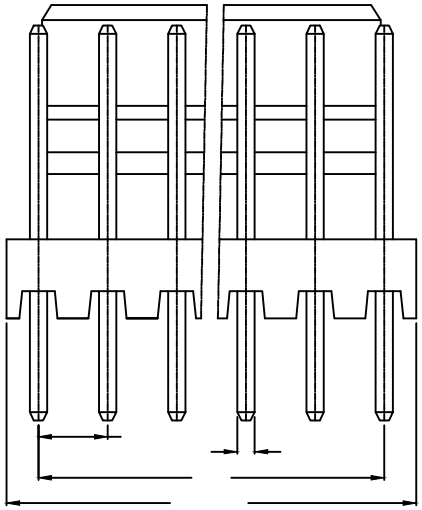
XKB INDUSTRIAL PRECISION CO.,LIMITED

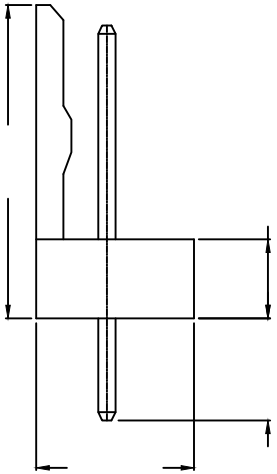
MODEL TYPE:

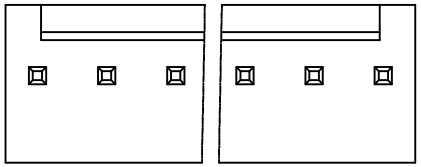
PART NO.:
2.54 mm Crimp Style Connectors

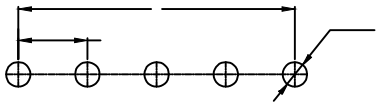
DWG NO.:
X2510WRS-XX-9TSN

WEIGHT	SHEET	REVISION
1.0g	1/1	A0









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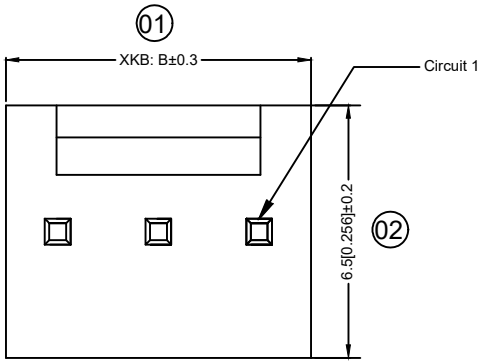
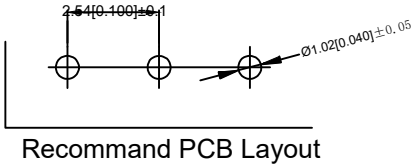
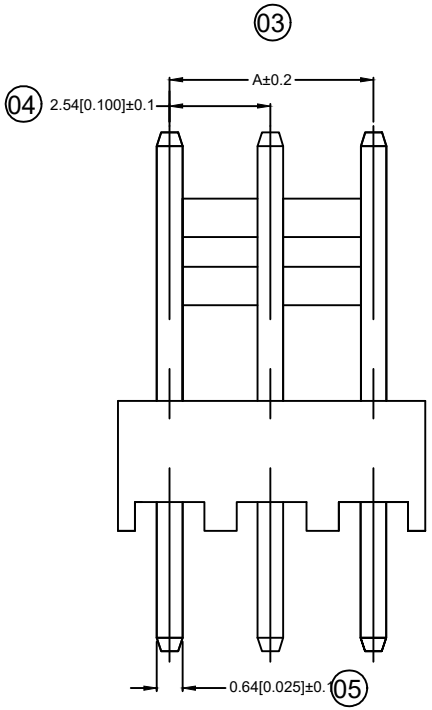
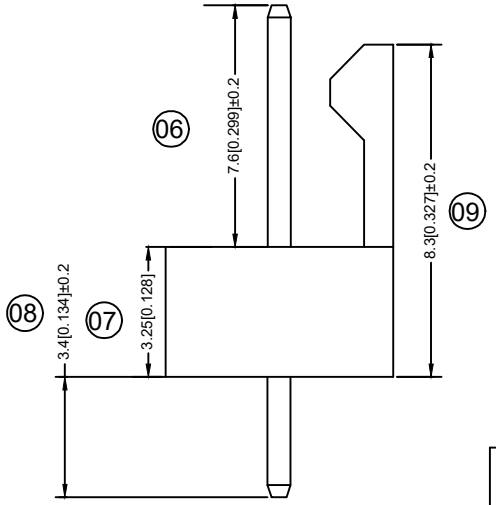




Recommand PCB Layout





X2510 W V X- XX SP- N0SN XX
① ②③④⑤ ⑥⑦⑧⑨

①Series No.

②Category:
W-wafer

③Welding Board Angle:
R90

④ Welding Way:
Blank-DIP

⑤ Row No.-Pin No.
XX-Single row

⑥Special NO.
SP-Short back

⑦ Material:
NO-PA66 94V-0

⑧ 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-nbatural 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 N0	Material	Material (Pin)	Finish (Pin)	

MARK	DESCRIPTION	DATE	REVISED	APPROVED
ΔX				
ΔX				
ΔX				

REVISIONS

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

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DSND		DATE		SCALE: N/A	MODEL TYPE:
DWN		DATE		VIEW:	PART NO.: 2.54 mm Crimp Style Connectors
CHKD		DATE		UNIT: mm/in	DWG NO.: X2510WV-XXSP-N0SN
APPD		DATE		SIZE: A4	

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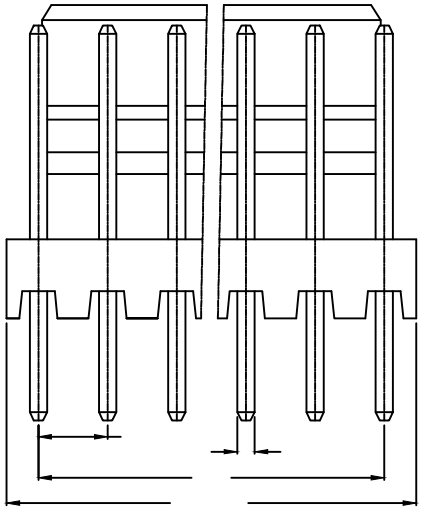
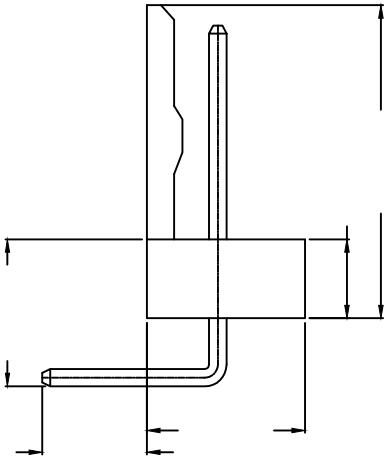
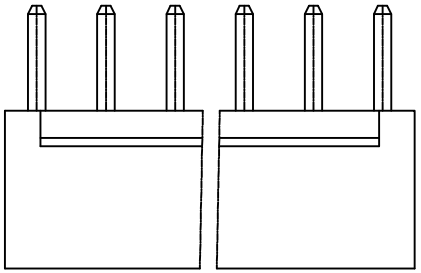
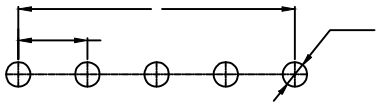
WEIGHT	SHEET	REVISION
1.0g	1/1	A0









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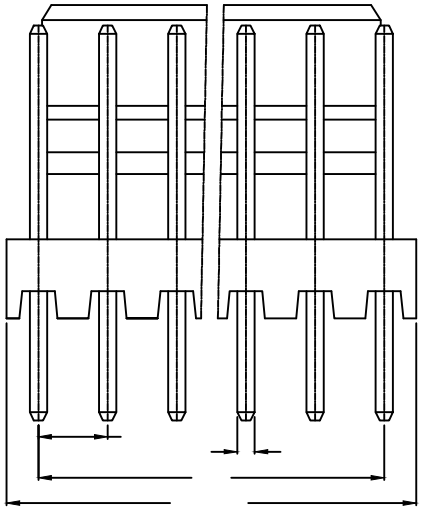

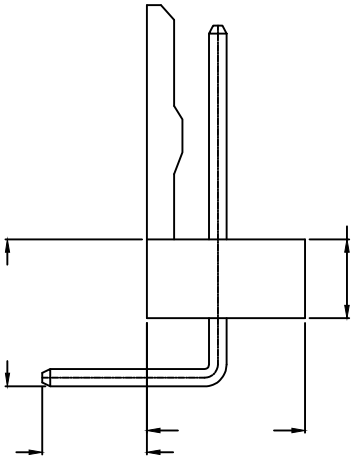

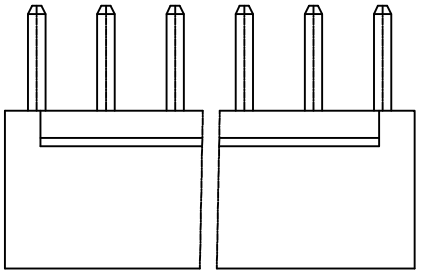

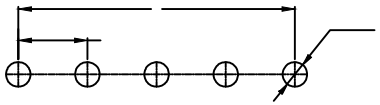

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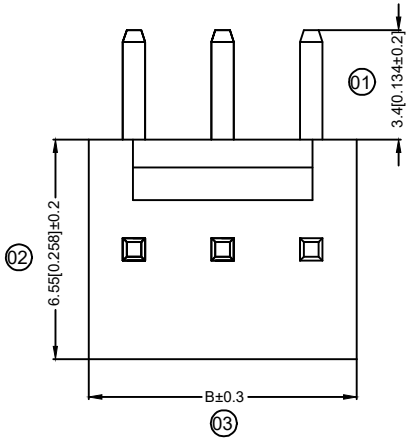

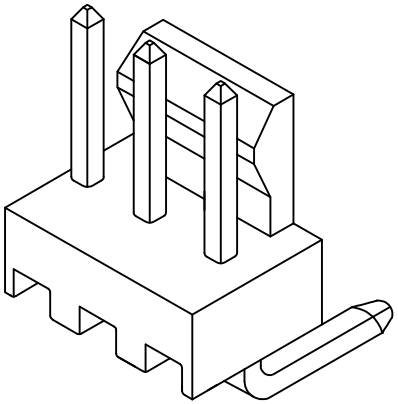

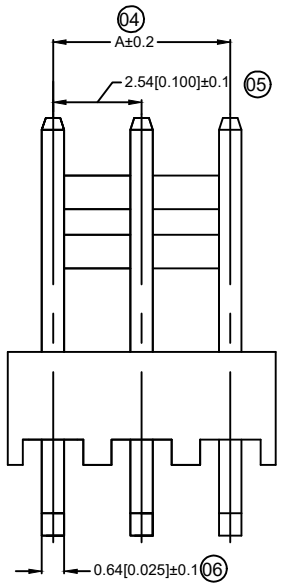

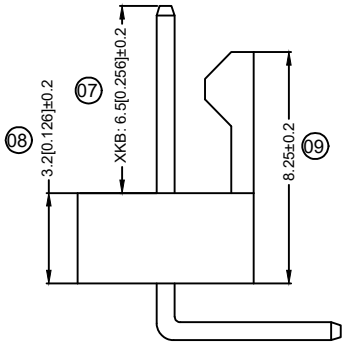

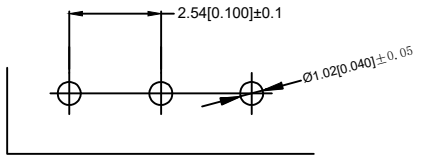

Recommand PCB Layout

X2510 W R X- XX SP- N0SN XX
① ②③④⑤ ⑥ ⑦⑧ ⑨

①Series No.

②Category:
W-wafer

③Welding Board Angle:
R90

④ Welding Way:
Blank-DIP

⑤ Row No.-Pin No.
XX-Single row

⑥Special NO.
SP-Short back

⑦ Material:
NO-PA66 94V-0

⑧ 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-nbatural 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 N0	Material	Material (Pin)	Finish (Pin)	Mates With XKB Housing

MARK	DESCRIPTION	DATE	REVISED	APPROVED
ΔX				
ΔX				
ΔX				

REVISIONS

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

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DSND		DATE		SCALE: N/A
DWN		DATE		VIEW:
CHKD		DATE		UNIT: mm/in
APPD		DATE		SIZE: A4

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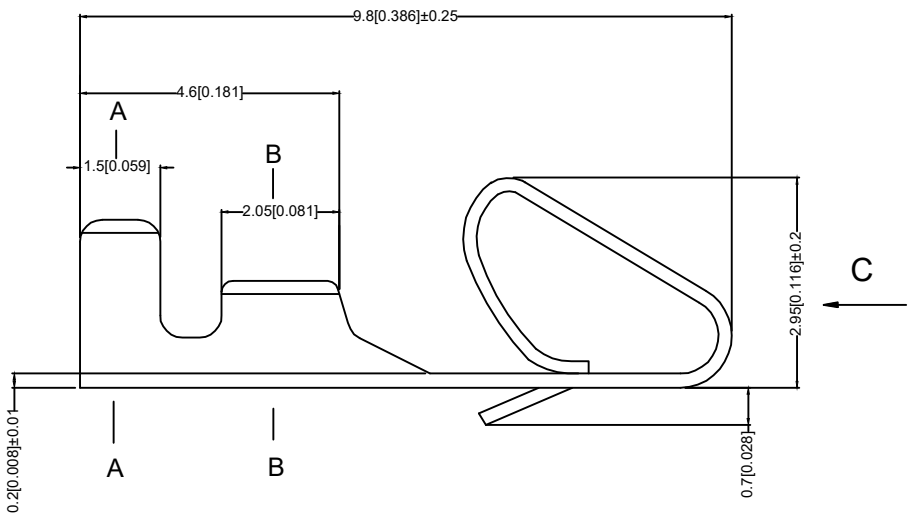
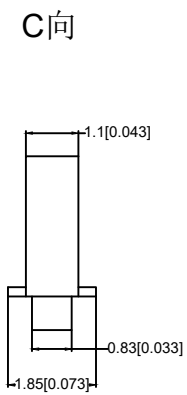
MODEL TYPE:

PART NO.:
2.54 mm Crimp Style Connectors

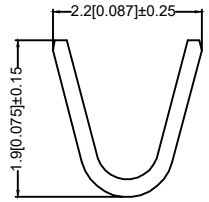
DWG NO.:
X2510WR-XXSP-N0SN

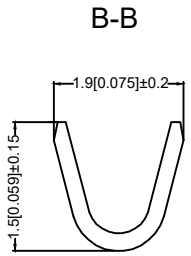
WEIGHT	SHEET	REVISION
1.0g	1/1	A0





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：≤10Ω
接触电阻:≤10Ω
After environmental testing:≤20mΩ
环境测试后：≤20mΩ





X2510 T-P SN
① ②③ ④
①Series Number.
②Category: T-terminal
③Material: P-Phosphor bronze
④Planting style SN-Bright tin plating

X2510T-PSN	Brass	AWG#22-28	1.57mm (Max)	Stamping Before Plating:30u" Ni;70u"Sn	X2510H
PART N0	Material	Wire Range	Insulation O.D.	Finish	Mates With XKB Housing

					ANGLAR	±5°
ΔX					L≤ 4	±0.2
ΔX					4<L≤ 16	±0.3
ΔX					16<L≤ 63	±0.4
MARK	DESCRIPTION	DATE	REVISED	APPROVED	L> 63	±0.5
REVISIONS					UNSPECIFIED TOLERANCES	

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DSND		DATE		SCALE: N/A	MODEL TYPE:
DWN		DATE		VIEW:	PART NO.: 2.54 mm Crimp Style Connectors
CHKD		DATE		UNIT: mm/in	DWG NO.: X2510T-BSNX
APPD		DATE		SIZE: A4	

XKB INDUSTRIAL PRECISION CO.,LIMITED

WEIGHT	SHEET	REVISION
1.0g	1/1	A0