

#### Specifications:

规格:

Voltage rating:125V AC/DC

额定电压: 125V AC/DC

Current rating:3A AC/DC

额定电流: 3A AC/DC

Withstanding voltage:500V AC/minute

耐受电压: 500V AC/分钟

Temperature range:-45℃-+105℃

温度范围: -45℃-+105℃

Insulation resistance:≥1000MΩ

绝缘电阻: ≥1000MΩ

Contact resistance:≤10mΩ

接触电阻: ≤10mΩ

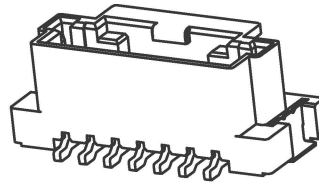
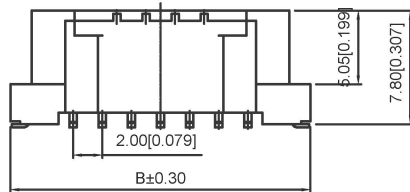
After environmental testing:≤20mΩ

环境测试后: ≤20兆欧

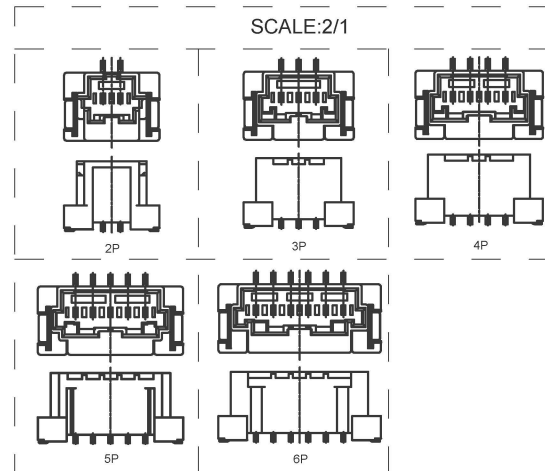
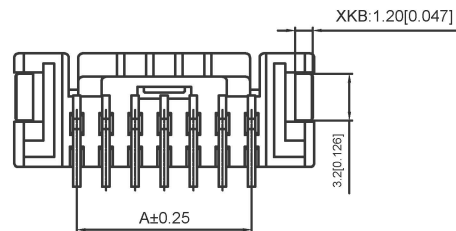
X2009 W V S-XX-9TSW

① ② ③ ④ ⑤ ⑥ ⑦

- 1.Series No.
- 2.Category:W-WAFER
- 3.Welding Board Angle:V-Straight 180°
- 4.Welding Way: S-SMT
- 5.Row No-Pin No: XX-02P~15P
- 6.Material: 9T-PA9T 94V-0
- 7.Plating Category: SW-Fog Tin plating



Poles	Dimensions(mm)			Poles	Dimensions(mm)		
	A	B	C		A	B	C
2	2.00	10.90	4.80	9	16.00	24.60	18.80
3	4.00	12.60	6.80	10	18.00	26.60	20.80
4	6.00	14.60	8.80	11	20.00	28.60	22.80
5	8.00	16.60	10.80	12	22.00	30.60	24.80
6	10.00	18.60	12.80	13	24.00	32.60	26.80
7	12.00	20.60	14.80	14	26.00	34.60	28.80
8	14.00	22.60	16.80	15	28.00	36.60	30.80



XKB:7.80[0.307]

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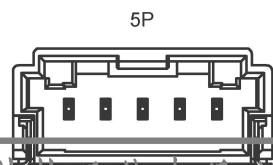
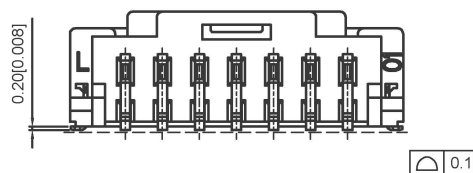
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MARK	文件工程章	

REVISIONS

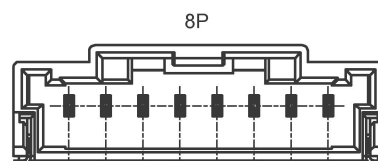
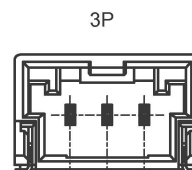
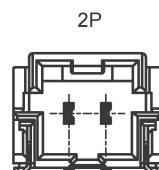
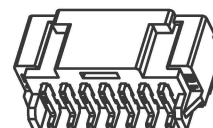
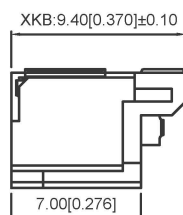
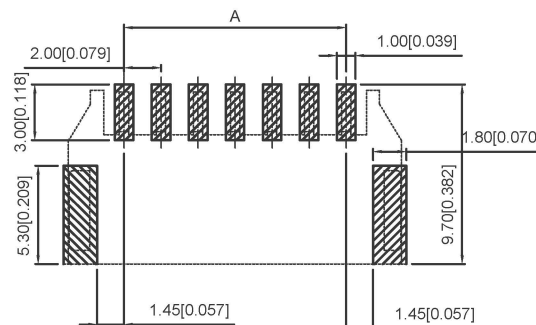
DATE REVISED APPROVED

UNSPECIFIED TOLERANCES

DSND		DATE		SCALE: N/A	MODEL TYPE: Wire to board connector
DWN		DATE		VIEW:	PART NO.: 2.00mm Crimp Style Connectors
CHKD		DATE		UNIT: mm/in	DWG NO.: X2009WVS-XX-9TSW
APPD		DATE		SIZE: A4	WEIGHT 1.0g
XKB INDUSTRIAL PRECISION CO.,LIMITED				SHEET 1/1	REVISION A0



## PCB LAYOUT



Specifications:

规格:

Voltage rating:125V AC/DC

额定电压: 125V AC/DC

Current rating:3A AC/DC

额定电流: 3A AC/DC

Withstanding voltage:500V AC/minute

耐受电压: 500V AC/分钟

Temperature range:-45°C-+105°C

温度范围: -45°C-+105°C

Insulation resistance:  $\geq 1000\text{M}\Omega$

绝缘电阻:  $\geq 1000\text{M}\Omega$

Contact resistance:  $\leq 10\text{m}\Omega$

After environmental testing:  $\leq 20\text{m}\Omega$

环境测试后:  $\leq 20$ 兆欧

环境测试后: -20元/款

X2009 W RS-XX-9TSW

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-02P~15P

6. Material: 9T-PA9T 94V-0

7.Plating Category: SW-Fog Tin plating

Poles	Dimensions(mm)			Poles	Dimensions(mm)		
	A	B	c		A	B	C
2	2.00	8.00	4.80	9	16.00	22.00	18.80
3	4.00	10.00	6.80	10	18.00	24.00	20.80
4	6.00	12.00	8.80	11	20.00	26.00	22.80
5	8.00	14	10.80	12	22.00	28.00	24.80
6	10.00	16	12.80	13	24.00	30.00	26.80
7	12.00	18	14.80	14	26.00	32.00	28.80
8	14.00	20	16.80	15	28.00	34.00	30.80

X2009WRS-XX-9T5W	PA9T UL 94V-0	Brass	Tin-Plated	Brass	Tin-Plated	X2009H
PART NO	Material	Material(Pin)	Finish(Pin)	Material(Solder Tabs)	Finish(Solder Tabs)	Suitable XKB Terminals

DSND		DATE		SCALE: N/A	MODEL TYPE: Wire to board connector						
DWN		DATE		VIEW: 	PART NO.: 2.00mm Crimp Style Connectors						
CHKD		DATE		UNIT: mm/in	DWG NO.: X2009WRS-XX-9TSW						
APPD		DATE		SIZE: A4							
XKB INDUSTRIAL PRECISION CO.,LIMITED					<table><tr><td>WEIGHT</td><td>SHEET</td><td>REVISION</td></tr><tr><td>1.0g</td><td>1/1</td><td>A0</td></tr></table>	WEIGHT	SHEET	REVISION	1.0g	1/1	A0
WEIGHT	SHEET	REVISION									
1.0g	1/1	A0									

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效		期

ΔX	文件工程章	DESCRIPTION	REV
MARK		www.xk-dg.cn	www

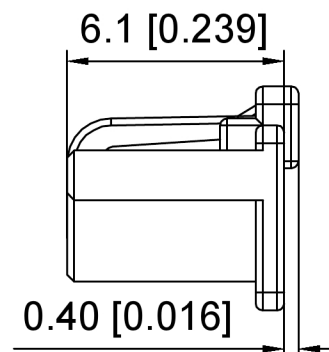
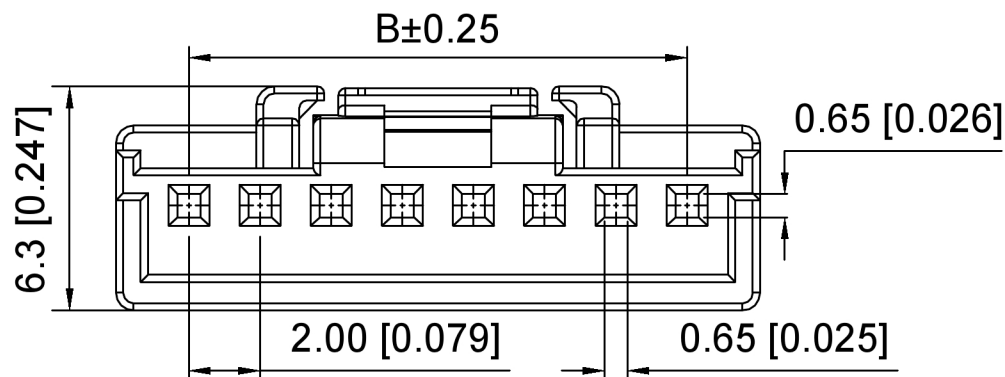
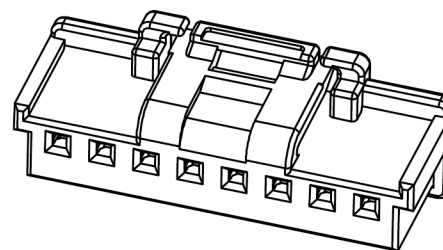
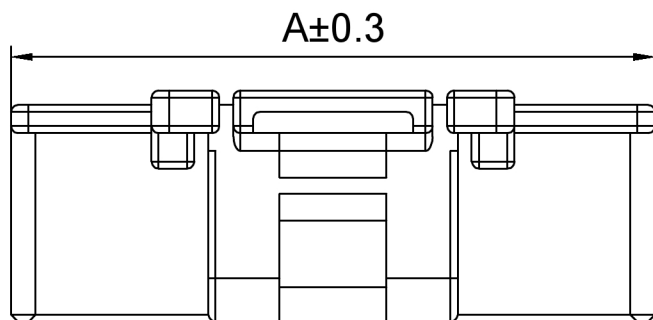
DESCRIPTION
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## REVISIONS

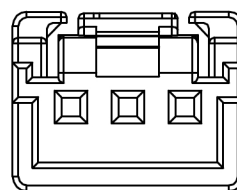
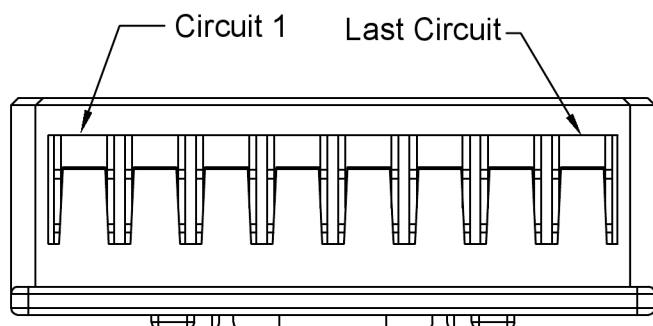
[www.xk-dq.cn](http://www.xk-dq.cn)   [www.helloxkb.com](http://www.helloxkb.com)   [www.helloxkb.cn](http://www.helloxkb.cn)

units:	mm
tolerance:	
X.X	±0.2mm
X.XX	±0.1mm
X.XXX	±0.05mm

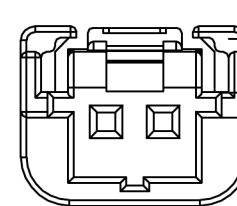
UNSPECIFIED TOI FRANCES



05P~15P Shape  
Scale 1:1



03P~04P Shape  
Scale 0.8:1



2P Shape  
Scale 0.8:1

### Specifications:

规格:

Voltage rating:125V AC/DC

额定电压: 125V AC/DC

Current rating:3A AC/DC

额定电流: 3A AC/DC

Withstanding voltage:500V

AC/minute

耐受电压: 500V AC/分钟

Temperature range:-40℃~+105℃

温度范围: -40℃~+105℃

Insulation resistance:1000MΩ min

绝缘电阻: 1000MΩ Min

Contact resistance:10mΩ Max

接触电阻: 10mΩ Max

X2009 H - XX - PT  
① ② ③ ④

- 1.Series No
- 2.Category:H-HSG
- 3.Row No.Pin No:XX-02~15P
- 4.Material:PT-PBT UL94V-0 Natural

Poles	Dimensions(mm)		Poles	Dimensions(mm)	
	A	B		A	B
02	8.00	2.00	09	20.10	16.00
03	8.10	4.00	10	22.10	18.00
04	10.10	6.00	11	24.10	20.00
05	12.10	8.00	12	26.10	22.00
06	14.10	10	13	28.10	24.00
07	16.10	12.00	14	20.10	26.00
08	18.10	14.00	15	32.10	28.00

X2009H-XX-PT	LCP	X2009W	X2009T
PART NO	Material	Suitable XKB Wafer	Suitable XKB Terminal

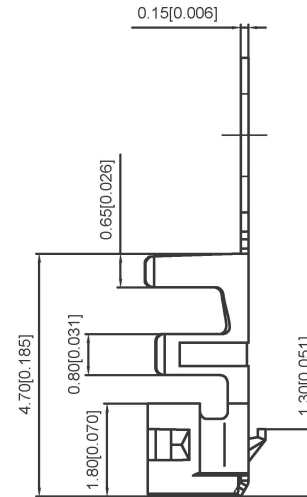
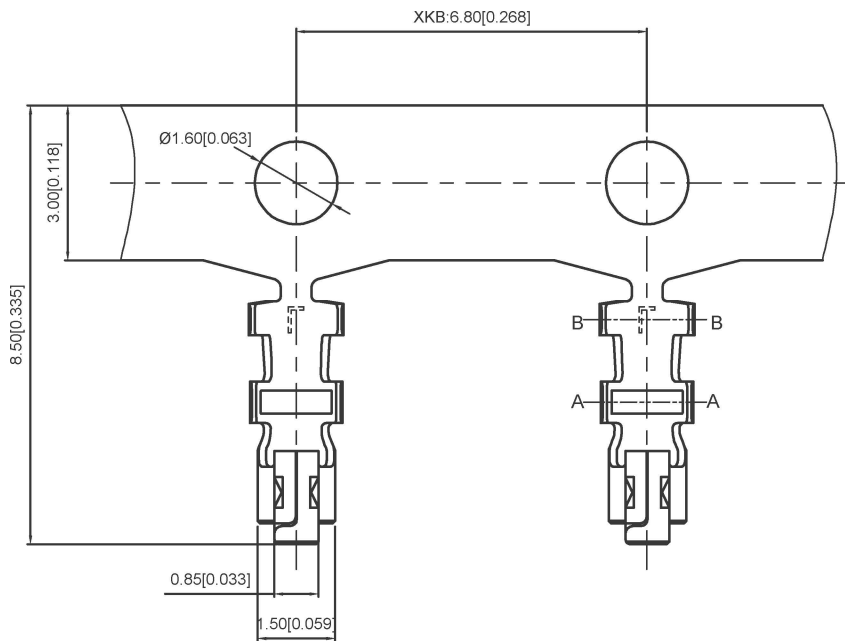
广东星坤科技股份有限公司	
DATE	日期
MARK	文件工程章

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

XKLB

XKB INDUSTRIAL PRECISION CO.,LIMITED

DSND	SCALE: N/A	MODEL TYPE: 2.0mm Crimp Style Connector
DWN	VIEW:	PART NO.: X2009H-XX-PT
CHKD	UNIT: mm/in	DWG NO.: X-X2007H-XX-PT
APPD	SIZE: A4	WEIGHT
		SHEET 1/1
		REVISION A0



### Specifications:

规格:

Voltage rating: 125V AC/DC

额定电压: 125V AC/DC

Current rating: 3A AC/DC

额定电流: 3A AC/DC

Withstanding voltage: 500V AC/minute

耐受电压: 500V AC/分钟

Temperature range: -45°C~+105°C

温度范围: -45°C~+105°C

Insulation resistance:  $\geq 1000M\Omega$

绝缘电阻:  $\geq 1000M\Omega$

Contact resistance:  $\leq 10m\Omega$

接触电阻:  $\leq 10m\Omega$

After environmental testing:  $\leq 20m\Omega$

环境测试后:  $\leq 20$ 兆欧

### X2009 T-PSN

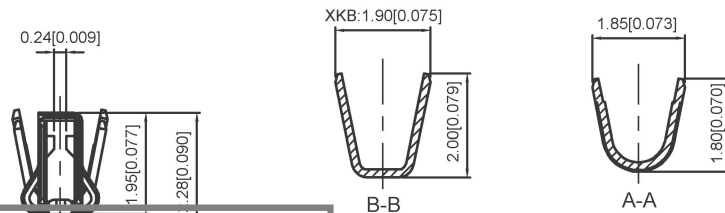
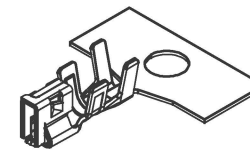
① ② ③ ④

1. Series Number

2. Category: T-terminal

3. Material: P-Phosphor bronze

7. Plating style: SN-Bright Tin plating



X2009T-PSN	Phosphor Bronze	AWG#22-26	1.5mm(MAX)	Stamping Before plating: 30u MIN Ni, 70u Sn	X2009H
PART NO	Material	Wire Range	Insulation OD	Finish	Suitable XKB Terminal

广东星坤科技股份有限公司

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MARK	文件工程章

DESCRIPTION	DATE	REVISED	APPROVED	units: mm
				tolerance:
				X.X ±0.2mm
				X.XX ±0.1mm
				X.XXX ±0.05mm
				UNSPECIFIED TOLERANCES

DSND		DATE		SCALE: N/A	MODEL TYPE: Wire to board connector
DWN		DATE		VIEW:	PART NO.: 2.00mm Crimp Style Connectors
CHKD		DATE		UNIT: mm/in	DWG NO.: X2009T-PSN
APPD		DATE		SIZE: A4	
XKB INDUSTRIAL PRECISION CO., LIMITED					WEIGHT 1.0g
					SHEET 1/1
					REVISION A0