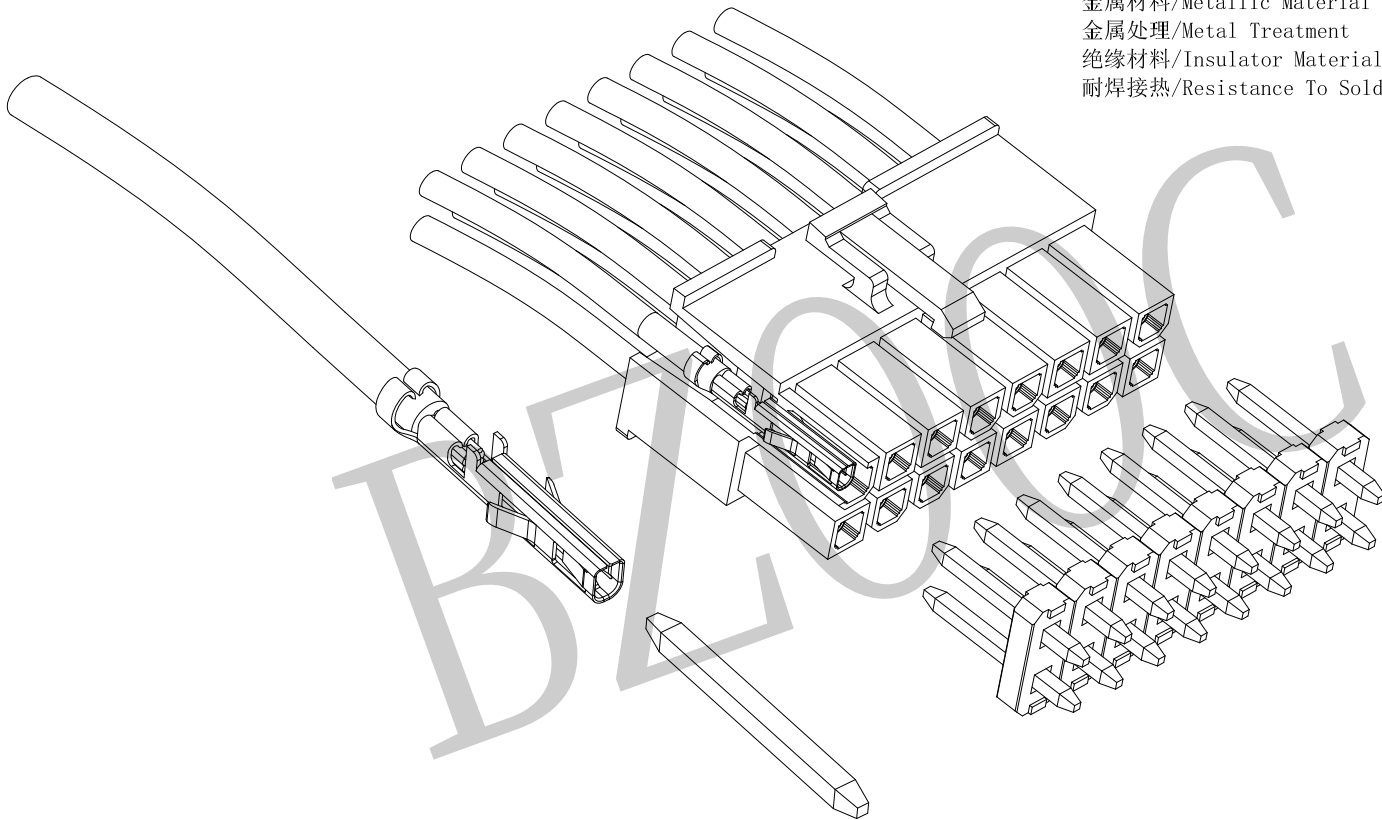




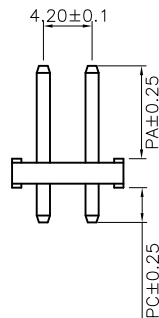
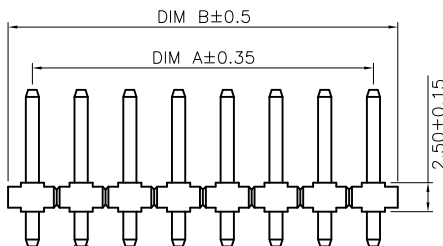
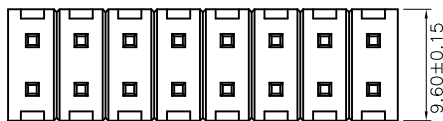
技术参数/Technical parameters

额定电流/Current Rating	:9AMP
绝缘阻抗/Insulator Resistance	:1000M Ω Min.
接触阻抗/Contact Resistance	:20m Ω Max.
耐电压值/Voltage Resistance	:AC 500V
工作温度/Operating Temperature	:-40℃ ~ +105℃
金属材料/Metallic Material	:Copper alloy
金属处理/Metal Treatment	:Ni(30~50u") +See description
绝缘材料/Insulator Material	:PA6T/PA9T/LCP UL94V-0
耐焊接热/Resistance To Soldering Heat	:260° C $\pm$ 5° C 10S MAX

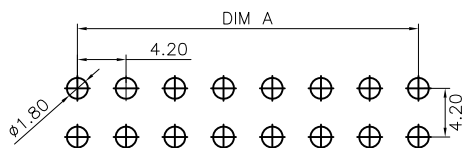


TOLERANCE UNLESS OTHERWISE SPECIFIED		BZOO 东莞市柏洲电子有限公司 Dongguan Bzooc Electronics, Ltd			
.X $\pm$ 0.35	X.* $\pm$ 1.5°	APR. AX.T	TITLE: PH4.2 180° PIN Header Type		
.XX $\pm$ 0.25	.X* $\pm$ 1.0°	CHK. Y.L	PART NO.		
.XXX $\pm$ 0.15	.XX* $\pm$ 0.5°	DRA. Y.L	PROJ.	UNITS. MM SCALE: 1:1 CUSTOMER DRAWING	SHEET. 1 / 1

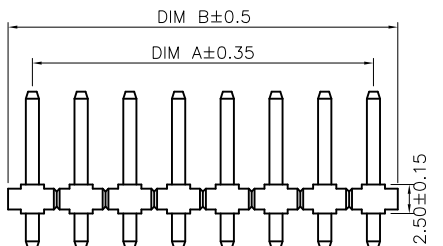
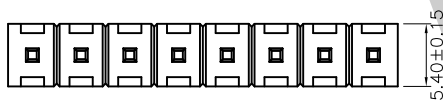
A0	FIRST RELEASE	Y.L	2019.06.21
REV.	ECN. NO.	APR.	DATE



SQ1.14 ± 0.02 4.20 ± 0.1



RECOMMENDED PCB LAYOUT



SQ1.14 ± 0.02 4.20 ± 0.1



RECOMMENDED PCB LAYOUT

PER ROW PIN NO.	DIM A	DIM B
2P	4.20	8.40
3P	8.40	12.60
4P	12.60	16.80
5P	16.80	21.00
6P	21.00	25.20
7P	25.20	29.40
8P	29.40	33.60
9P	33.60	37.80
10P	37.80	42.00
11P	42.00	46.20
12P	46.20	50.40
13P	50.40	54.60
14P	54.60	58.80
15P	58.80	63.00
16P	63.00	67.20
17P	67.20	71.40
18P	71.40	75.60
19P	75.60	79.80
20P	79.80	84.00

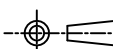
技术参数/Technical parameters

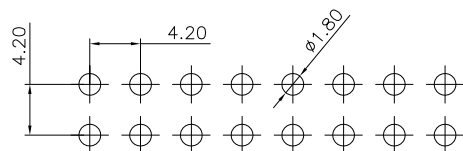
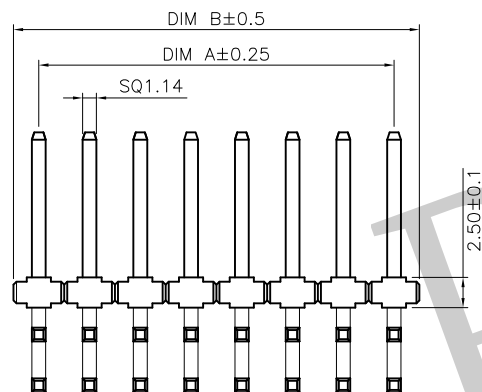
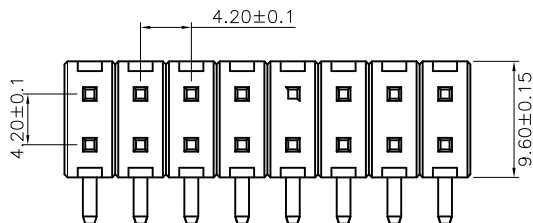
额定电流/Current Rating	:9AMP
绝缘阻抗/Insulator Resistance	:1000MΩ Min.
接触阻抗/Contact Resistance	:20mΩ Max.
耐电压值/Voltage Resistance	:AC 500V
工作温度/Operating Temperature	:-40℃ ~ +105℃
金属材料/Metallic Material	:Copper alloy
金属处理/Metal Treatment	:Ni(30~50u") + See description
绝缘材料/Insulator Material	:PA6T/PA9T/LCP UL94V-0
耐焊接热/Resistance To Soldering Heat	:260° C ± 5° C 10S MAX

PC	PA
2.8	14.0
3.4	13.2
3.7	
可定制	

P	420-025-xxx-WV-SN-D-P-135-030-080-001	serial No.
Pin Header		PA size (080:8.0mm)
Pitch:4.2mm		PC size (030:3.0mm)
塑胶高度:2.5mm		PIN L (135: 13.5mm)
101:1*1P		包装方式
102:1*2P		P: 袋装
202:2*2P		T: 管装
...		D: 盒装
180°		塑胶材质:
		D:PA6T
		E:PA9T
		F:LCP
		电镀:
		GF:镀金
		SN:镀锡

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TOLERANCE UNLESS OTHERWISE SPECIFIED		BZOOC 东莞市柏洲电子有限公司 Dongguan Bzooc Electronics, Ltd	
.X± 0.35	X.*± 1.5°	APR. AX.T	TITLE: PH4.2 180° PIN Header Type
.XX± 0.25	.X.*± 1.0°	CHK. Y.L	PART NO. P420-025-xxx-WV-SN-D-P-xxx-xxx-xxx-001
.XXX± 0.15	.XX.*± 0.5°	DRA. Y.L	PROJ.  UNITS. MM SCALE: 1:1 SHEET. 1 / 1
		CUSTOMER DRAWING	



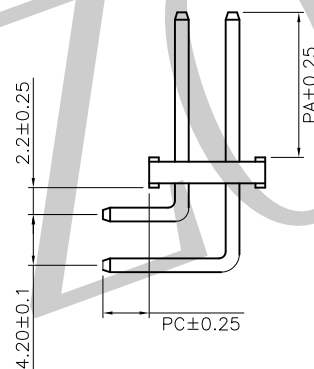
Recommended PCB layout

PER ROW PIN NO.	DIM A	DIM B
2P	4.20	8.40
3P	8.40	12.60
4P	12.60	16.80
5P	16.80	21.00
6P	21.00	25.20
7P	25.20	29.40
8P	29.40	33.60
9P	33.60	37.80
10P	37.80	42.00
11P	42.00	46.20
12P	46.20	50.40
13P	50.40	54.60
14P	54.60	58.80
15P	58.80	63.00
16P	63.00	67.20
17P	67.20	71.40
18P	71.40	75.60
19P	75.60	79.80
20P	79.80	84.00

技术参数/Technical parameters

额定电流/Current Rating	:9AMP
绝缘阻抗/Insulator Resistance	:1000MΩ Min.
接触阻抗/Contact Resistance	:20mΩ Max.
耐电压值/Voltage Resistance	:AC 500V
工作温度/Operating Temperature	:-40℃ ~ +105℃
金属材料/Metallic Material	:Copper alloy
金属处理/Metal Treatment	:Ni(30~50u") + See description
绝缘材料/Insulator Material	:PA6T/PA9T/LCP UL94V-0
耐焊接热/Resistance To Soldering Heat	:260° C ±5° C 10S MAX

PA	PA
3.0/3.7	11.5/12.0/13.0
可定制	



P 420-025-XXX-WR-SN-D-P-XXX-XXX-XXX-002	serial No.
Pin Header	PA size
Pitch:4.2mm	W size
塑胶高度:2.5mm	PIN L
202:2*2P	包装方式
203:2*3P	P: 袋装
...	D: 盒装
220:2*20P	电镀:
	GF:镀金
	SN:镀锡
	塑胶材质:
	D:PA6T
	E:PA9T
	F:LCP

TOLERANCE UNLESS OTHERWISE SPECIFIED				东莞市柏洲电子有限公司 Dongguan Bzooc Electronics, Ltd				
.X± 0.35	X.*± 1.5°	APR. AX.T	TITLE: PH4.2 Right Angle PIN Header Type					
.XX± 0.25	.X*± 1.0°	CHK. Y.L	PART NO. P420-025-XXX-WVS-SN-D-P-XXX-XXX-XXX-002					
1.XXX± 0.15	.XX*± 0.5°	DRA. Y.L	PROJ. 	UNITS. MM		SCALE. 1:1		SHEET. 1 / 1
			CUSTOMER DRAWING					

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A

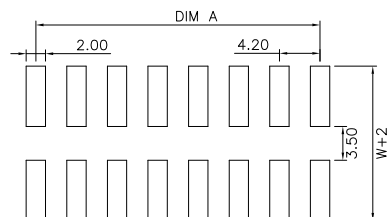
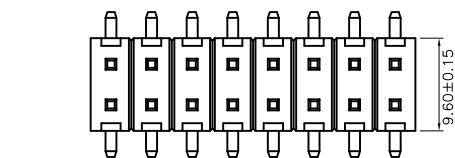
B

C

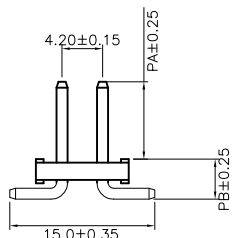
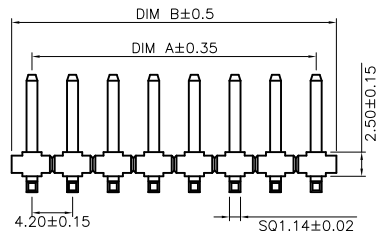
D

E

F



RECOMMENDED PCB LAYOUT



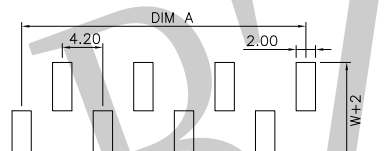
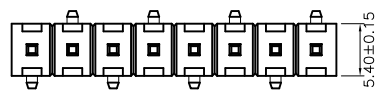
PER ROW PIN NO.	DIM A	DIM B
2P	4.20	8.40
3P	8.40	12.60
4P	12.60	16.80
5P	16.80	21.00
6P	21.00	25.20
7P	25.20	29.40
8P	29.40	33.60
9P	33.60	37.80
10P	37.80	42.00
11P	42.00	46.20
12P	46.20	50.40
13P	50.40	54.60
14P	54.60	58.80
15P	58.80	63.00
16P	63.00	67.20
17P	67.20	71.40
18P	71.40	75.60
19P	75.60	79.80
20P	79.80	84.00

技术参数/Technical parameters

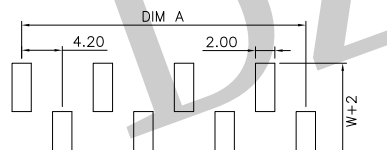
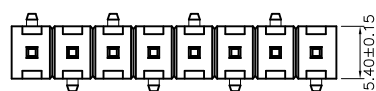
额定电流/Current Rating	:9AMP
绝缘阻抗/Insulator Resistance	:1000MΩ Min.
接触阻抗/Contact Resistance	:20mΩ Max.
耐电压值/Voltage Resistance	:AC 500V
工作温度/Operating Temperature	:-40℃ ~ +105℃
金属材料/Metallic Material	:Copper alloy
金属处理/Metal Treatment	:Ni(30~50u") + See description
绝缘材料/Insulator Material	:PA6T/PA9T/LCP UL94V-0
耐焊接热/Resistance To Soldering Heat	:260° C ±5° C 10S MAX

PA
8.0
可定制

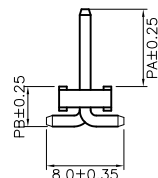
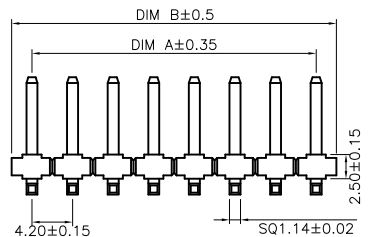
正脚位



反脚位



RECOMMENDED PCB LAYOUT



P	420-025-XXX-WVS-SN-D-P-XXX-XXX-XXX-002	serial No.
Pin Header		PA size(080:8.0mm)
Pitch:4.2mm		W size (150:15.0mm)
塑胶高度:2.5mm		PIN L (163: 16.3mm)
101:1*1P		包装方式
102:1*2P		P: 袋装
202:2*2P		T: 管装
...		D: 盒装
SMT		电镀:
		GF:镀金
		SN:镀锡
		塑胶材质:
		D:PA6T
		E:PA9T
		F:LCP

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TOLERANCE UNLESS OTHERWISE SPECIFIED		BZOOC 东莞市柏洲电子有限公司 Dongguan Bzooc Electronics, Ltd	
.X± 0.35	X.*± 1.5°	APR. AX.T	TITLE: PH4.2 SMT PIN Header Type
.XX± 0.25	.X.*± 1.0°	CHK. Y.L	PART NO. P420-025-XXX-WVS-SN-D-P-XXX-XXX-XXX-002
.XXX± 0.15	.XX.*± 0.5°	DRA. Y.L	PROJ. UNITS. MM SCALE. 1:1 SHEET. 1/1
		CUSTOMER DRAWING	

A

B

C

D

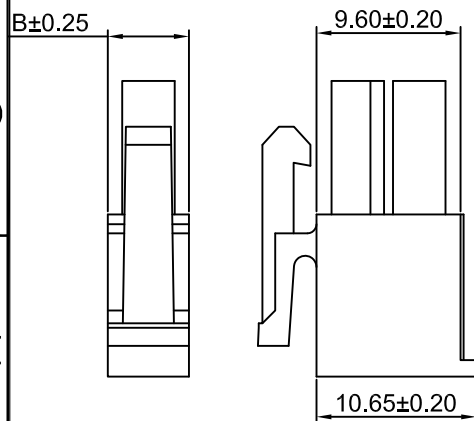
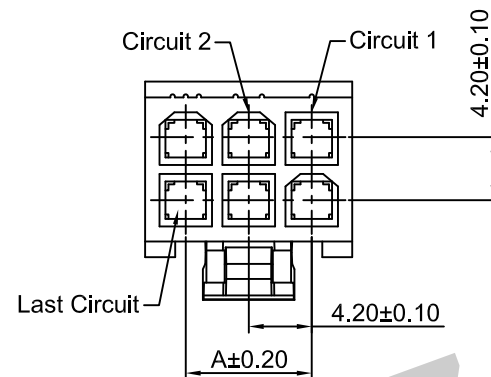
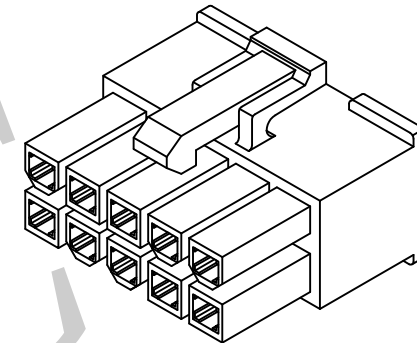
E

F

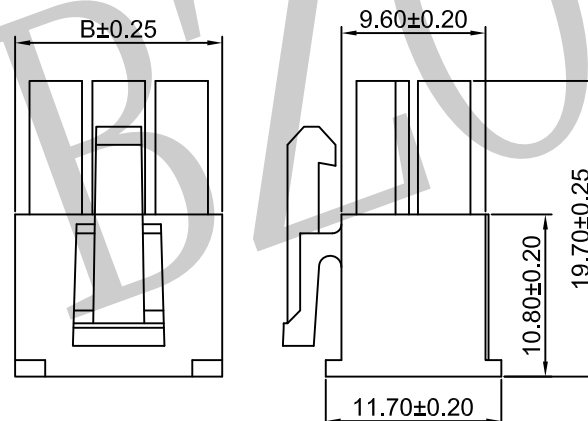


Current rating:9A AC,DC Max
Voltage rating:600V AC,DC
Temperature range:-40°C~+105°C
Contact resistance:10mΩ Max.
Insulation resistance:1000MΩ Min.
Withstanding voltage:1500V AC/minute
Material:Nylon 66,UL94V-2 or UL94V-0

PIN NO.	Dimensions	
	A	B
2X01P	-----	5.40
2X02P	4.20	9.60
2X03P	8.40	13.80
2X04P	12.60	18.00
2X05P	16.80	22.20
2X06P	21.00	26.40
2X07P	25.20	30.60
2X08P	29.40	34.80
2X09P	33.60	39.00
2X10P	37.80	43.20
2X11P	42.00	47.40
2X12P	46.20	51.60



2X01P



2X02P~2X12P

W 420-01X-2XX-HM-TC-C-P-000
WAVER 420:PITCH4.2MM
01:WAFER TYPE1
0:UL94V-0
2:UL94V-2
PIN NO.:
202:2*2P
203:2*3P
...
212:2*12P
SERIAL NO.
PACKING:BAG
C:PA66
TC:TRANSPARENT
HM:MALE HOUSING

TOLERANCE UNLESS OTHERWISE SPECIFIED				BZOC 东莞市柏洲电子有限公司 Dongguan Bzoc Electronics, Ltd			
.X± 0.35	X.*± 1.5°	APR. AX.T	TITLE: 4.20MM PITCH DUAL ROW HOUSING TYPE1				
.XX± 0.25	.X.*± 1.0°	CHK. Y.L	PART NO.				
.XXX± 0.15	.XX.*± 0.5°	DRA. Y.L	PROJ.		UNITS. MM	SCALE. 1:1	SHEET. 1/1
REV.	ECN. NO.	APR.	CUSTOMER DRAWING				

AO	FIRST RELEASE	Y.L	2019.06.21
REV.	ECN. NO.	APR.	DATE

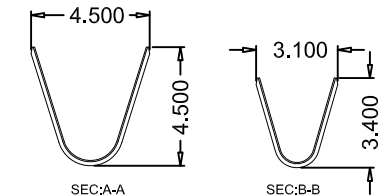
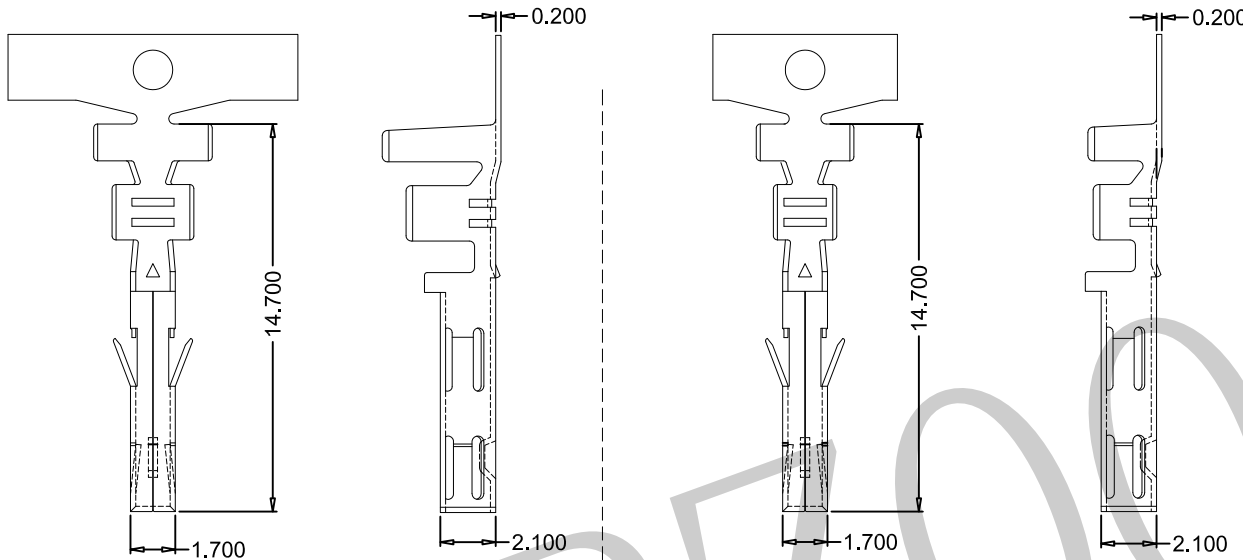


Current rating:9A AC,DC Max
Voltage rating:600V AC,DC
Temperature range:-40°C~+105°C
Contact resistance:10mΩ Max.
Insulation resistance:1000MΩ Min.
Withstanding voltage:1500V AC/minute
Material:Brass/Phosphor Bronze

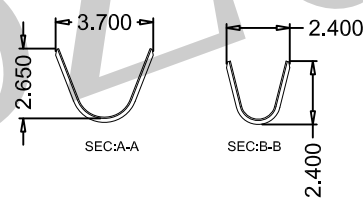
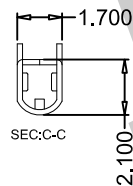
Wire Range:Low. PIN:AWG#22-#28
High PIN:AWG#18-#24

Insulation O.D.:Low. PIN:1.80mm(max)
High PIN:3.10mm(max)

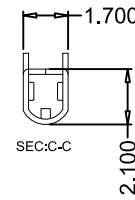
Qty/reel:Low. PIN:10,000 PCS
High PIN:4,000 PCS



GJ:High PIN



DJ:Low. PIN



W 420-01F-XXX-SN-000
WAFFER ———— SERIAL NO.
420:PITCH4.2MM
01:WAFFER TYPE1
F:FEMALE TERMINAL
P:PHOSPHOR BRONZE
B:BRASS
SN:TIN PLATING
GF:GOLD PLATING
DJ:LOW. PIN
GJ:HIG PIN

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TOLERANCE UNLESS OTHERWISE SPECIFIED		 东莞市柏洲电子有限公司 Dongguan Bzoo Electronics, Ltd	
.X± 0.35	X.*± 1.5*	APR. AX.T	TITLE: 4.20MM PITCH CRIMP FEMALE TERMINAL TYPE1
.XX± 0.25	.X*± 1.0*	CHK. Y.L	PART NO.
.XXX± 0.15	.XX*± 0.5*	DRA. Y.L	PROJ. 
		UNITS. MM SCALE: 1:1 CUSTOMER DRAWING	
		SHEET. 1 / 1	