

[illegible][illegible]

RoHS

Last Circuit

Circuit 1

Circuit 2

2x01-2x06P B±0.30
2x07-2x12P B±0.50

9.70±0.20 1.40

5.50±0.20

4.20±0.10 1.14±0.05

2x01-2x06P A±0.25
2x07-2x12P A±0.40

12.85±0.25

3.60±0.25

2x01P 2x12P

2x02P 2x11P

2x03P 2x10P

2x04P 2x09P

2x05P 2x08P

2x06P 2x07P

CIRCUIT SIZE LAYOUT

SPECIFICATIONS

- Current rating: 9A AC, DC
- Voltage rating: 600V AC,DC
- Temperature range: -25℃ ~ +105℃
- Insulation resistance: 1000MΩ Min.
- Withstanding voltage: 1500V AC/ minute.
- Contact resistance: 10mΩ Max.

Material:

Insulator: Nylon 66 UL 94V-2

Contact: Brass

Plating: Tin plated over Nickel

Circuits: 02~24

Mate with XFCN P4202 series double row male housing

Ordering Code:

M4202R-2xNP

1.序列号
2.Pin位数:

PART NO.	Dimensions(mm)	
	A	B
2x01	--	5.60
2x02	4.20	9.80
2x03	8.40	14.00
2x04	12.60	18.20
2x05	16.80	22.40
2x06	21.00	26.60
2x07	25.20	30.80
2x08	29.40	35.00
2x09	33.60	39.20
2x10	37.80	43.40
2x11	42.00	47.60
2x12	46.20	51.80

P.C.B LAYOUT

X±0.50 X°±
.X±0.25 .X°±
.XX±0.15 .XX°±
.XXX±0.10 .XXX°±
UNITS: mm

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PART NO: M4202R-2xNP

TITLE: 4.20mm Crimp Style Connectors

APPD Chen ZhiQiang

CHKD Liu Wei

DRAW Chen HongJiang

DATE 2024.06.28

DWG NO: /

VIEW

SCALE

SHEET 1/1

REV A1

XFCN兴飞连接器

0769-82001899

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RoHS

Last Circuit

Circuit 1

Circuit 2

2x01-2x06P B±0.30
2x07-2x12P B±0.50

9.70±0.20 1.40

5.50±0.20

4.20±0.10 1.14±0.05

2x01-2x06P A±0.25
2x07-2x12P A±0.40

12.85±0.25

Material:

Insulator: Nylon 66 UL 94V-2

Contact: Brass

Plating: Tin plated over Nickel

Circuits: 02~24

Mate with XFCN P4202 series double row male housing

Ordering Code:

M4202R-2xNP

1.序列号
2.Pin位数:

SPECIFICATIONS

1.Current rating: 9A AC, DC

2.Voltage rating: 600V AC,DC

3.Temperature range: -25℃ ~ +105℃

4.Insulation resistance: 1000MΩ Min.

5.Withstanding voltage: 1500V AC/ minute.

6.Contact resistance: 10mΩ Max.

PART NO. Dimensions(mm)

	A	B
2x01	--	5.60
2x02	4.20	9.80
2x03	8.40	14.00
2x04	12.60	18.20
2x05	16.80	22.40
2x06	21.00	26.60
2x07	25.20	30.80
2x08	29.40	35.00
2x09	33.60	39.20
2x10	37.80	43.40
2x11	42.00	47.60
2x12	46.20	51.80

2x01P 2x12P

2x02P 2x11P

2x03P 2x10P

2x04P 2x09P

2x05P 2x08P

2x06P 2x07P

CIRCUIT SIZE LAYOUT

P.C.B LAYOUT

Ø1.80

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PART NO: M4202R-2xNP

TITLE: 4.20mm Crimp Style Connectors

APPD Chen ZhiQiang

CHKD Liu Wei

DRAW Chen HongJiang

DATE 2024.06.28

XFCN兴飞连接器

0769-82001899

www.xfconn.com

DWG NO: /

VIEW

SCALE SHEET REV

NONE 1/1 A1

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This figure is a technical drawing of a 4.20mm Crimp Style Connector, showing various views, dimensions, specifications, and circuit size layouts.

REV: A1
ECN NO.: NEW
DESCRIPTION: 更换图框
DESIGN:
APPROVAL:
DATE: 2024.05.24

SPECIFICATIONS

- Current rating: 9A AC, DC
- Voltage rating: 600V AC,DC
- Temperature range: -25℃ ~ +105℃
- Insulation resistance: 1000MΩ Min.
- Withstanding voltage: 1500V AC/ minute.
- Contact resistance: 10mΩ Max.

Material:
Insulator: Nylon 66 UL 94V-2
Contact: Brass
Plating: Tin plated over Nickel
Circuits: 02~24
Mate with XFCN P4202 series double row male housing

Ordering Code:
M4202R-2xNP
1.序列号
2.Pin位数:

PART NO. | **Dimensions(mm)**

PART NO.	Dimensions(mm)	
	A	B
2x01	--	5.60
2x02	4.20	9.80
2x03	8.40	14.00
2x04	12.60	18.20
2x05	16.80	22.40
2x06	21.00	26.60
2x07	25.20	30.80
2x08	29.40	35.00
2x09	33.60	39.20
2x10	37.80	43.40
2x11	42.00	47.60
2x12	46.20	51.80

CIRCUIT SIZE LAYOUT

2x01P, 2x02P, 2x03P, 2x04P, 2x05P, 2x06P, 2x07P, 2x08P, 2x09P, 2x10P, 2x11P, 2x12P

P.C.B LAYOUT

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PART NO.: M4202R-2xNP
TITLE: 4.20mm Crimp Style Connectors
DWG NO.:
APPD: Chen ZhiQiang
CHKD: Liu Wei
DRAW: Chen HongJiang
DATE: 2024.06.28
VIEW:
SCALE:
SHEET: 1/1
REV: A1

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8

7

6

5

4

3

2

1

A

B

C

D

E

RoHS

Last Circuit

Circuit 1

Circuit 2

4.20±0.10

9.70±0.20

1.40

5.50±0.20

3.60±0.25

12.85±0.25

2x01-2x06P B±0.30
2x07-2x12P B±0.50

4.20±0.10

1.14±0.05

2x01-2x06P A±0.25
2x07-2x12P A±0.40

2x01P

2x02P

2x03P

2x04P

2x05P

2x06P

2x12P

2x11P

2x10P

2x09P

2x08P

2x07P

CIRCUIT SIZE LAYOUT

SPECIFICATIONS

1.Current rating: 9A AC, DC

2.Voltage rating: 600V AC,DC

3.Temperature range: -25℃ ~ +105℃

4.Insulation resistance: 1000MΩ Min.

5.Withstanding voltage: 1500V AC/ minute.

6.Contact resistance: 10mΩ Max.

Material:

Insulator: Nylon 66 UL 94V-2

Contact: Brass

Plating: Tin plated over Nickel

Circuits: 02~24

Mate with XFCN P4202 series double row male housing

Ordering Code:

M4202R-2xNP
1 2

1.序列号

2.Pin位数:

P.C.B LAYOUT

X.±0.50X°.±
.X±0.25.X°±
.XX±0.15.XX°±
.XXX±0.10.XXX°±
UNITS:mm

PART NO:M4202R-2xNP

TITLE:
4.20mm Crimp Style Connectors

APPDChen ZhiQiang

CHKDLiu Wei

DRAWChen HongJiang

DATE2024.06.28

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PART NO.Dimensions(mm)
AB

2x01--5.60

2x024.209.80

2x038.4014.00

2x0412.6018.20

2x0516.8022.40

2x0621.0026.60

2x0725.2030.80

2x0829.4035.00

2x0933.6039.20

2x1037.8043.40

2x1142.0047.60

2x1246.2051.80

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DWG NO:/

VIEWSHEETREV

NONE1/1A1

[illegible]

8

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2

1

A

B

C

D

E

RoHS

Last Circuit
Circuit 1
Circuit 2

2x01-2x06P B±0.30
2x07-2x12P B±0.50

9.70±0.20
1.40
5.50±0.20
3.60±0.25
4.20±0.10
1.14±0.05

2x01-2x06P A±0.25
2x07-2x12P A±0.40

2x01P 2x12P
2x02P 2x11P
2x03P 2x10P
2x04P 2x09P
2x05P 2x08P
2x06P 2x07P

CIRCUIT SIZE LAYOUT

SPECIFICATIONS

1.Current rating: 9A AC, DC
2.Voltage rating: 600V AC,DC
3.Temperature range: -25℃ ~ +105℃
4.Insulation resistance: 1000MΩ Min.
5.Withstanding voltage: 1500V AC/ minute.
6.Contact resistance: 10mΩ Max.

Material:
Insulator: Nylon 66 UL 94V-2
Contact: Brass
Plating: Tin plated over Nickel
Circuits: 02~24
Mate with XFCN P4202 series double row male housing

Ordering Code:

M4202R-2xNP

1.序列号
2.Pin位数:

PART NO. Dimensions(mm)
A B

2x01 -- 5.60
2x02 4.20 9.80
2x03 8.40 14.00
2x04 12.60 18.20
2x05 16.80 22.40
2x06 21.00 26.60
2x07 25.20 30.80
2x08 29.40 35.00
2x09 33.60 39.20
2x10 37.80 43.40
2x11 42.00 47.60
2x12 46.20 51.80

P.C.B LAYOUT

X±0.50 X°±
.X±0.25 .X°±
.XX±0.15 .XX°±
.XXX±0.10 .XXX°±
UNITS: mm

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PART NO: M4202R-2xNP
TITLE: 4.20mm Crimp Style Connectors

APPD Chen ZhiQiang
CHKD Liu Wei
DRAW Chen HongJiang
DATE 2024.06.28

DWG NO: /

VIEW ⊕
SCALE SHEET REV
NONE 1/1 A1

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8

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2

1

RoHS

Last Circuit
Circuit 1
Circuit 2

Circuit Size Layout

2x01-2x06P B±0.30
2x07-2x12P B±0.50

9.70±0.20 1.40

5.50±0.20

4.20±0.10 1.14±0.05

2x01-2x06P A±0.25
2x07-2x12P A±0.40

P.C.B LAYOUT

X ±0.50 X °±
.X ±0.25 .X °±
.XX ±0.15 .XX °±
.XXX ±0.10 .XXX °±
UNITS mm

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SPECIFICATIONS
1.Current rating: 9A AC, DC
2.Voltage rating: 600V AC,DC
3.Temperature range: -25℃ ~ +105℃
4.Insulation resistance: 1000MΩ Min.
5.Withstanding voltage: 1500V AC/ minute.
6.Contact resistance: 10mΩ Max.

Material:
Insulator: Nylon 66 UL 94V-2
Contact: Brass
Plating: Tin plated over Nickel
Circuits: 02~24
Mate with XFCN P4202 series double row male housing

Ordering Code:

M4202R-2xNP
1 2

1.序列号
2.Pin位数:

PART NO.	Dimensions(mm)	
	A	B
2x01	--	5.60
2x02	4.20	9.80
2x03	8.40	14.00
2x04	12.60	18.20
2x05	16.80	22.40
2x06	21.00	26.60
2x07	25.20	30.80
2x08	29.40	35.00
2x09	33.60	39.20
2x10	37.80	43.40
2x11	42.00	47.60
2x12	46.20	51.80

PART NO: M4202R-2xNP		XFCN兴飞连接器	
TITLE: 4.20mm Crimp Style Connectors		0769-82001899	
		www.xfconn.com	
APPD Chen ZhiQiang		DWG NO: /	
CHKD Liu Wei		VIEW	
DRAW Chen HongJiang	SCALE	SHEET	REV
DATE 2024.06.28	NONE	1/1	A1

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8

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E

D

C

B

A

RoHS

Last Circuit
Circuit 1
Circuit 2

4.20±0.10

9.70±0.20 1.40

5.50±0.20

3.60±0.25

12.85±0.25

4.20±0.10 1.14±0.05

2x01-2x06P B±0.30
2x07-2x12P B±0.50

2x01-2x06P A±0.25
2x07-2x12P A±0.40

2x01P 2x12P

2x02P 2x11P

2x03P 2x10P

2x04P 2x09P

2x05P 2x08P

2x06P 2x07P

CIRCUIT SIZE LAYOUT

SPECIFICATIONS

1.Current rating: 9A AC, DC
2.Voltage rating: 600V AC,DC
3.Temperature range: -25℃ ~ +105℃
4.Insulation resistance: 1000MΩ Min.
5.Withstanding voltage: 1500V AC/ minute.
6.Contact resistance: 10mΩ Max.

Material:
Insulator: Nylon 66 UL 94V-2
Contact: Brass
Plating: Tin plated over Nickel
Circuits: 02~24
Mate with XFCN P4202 series double row male housing

Ordering Code:

M4202R-2xNP

1 2

1.序列号
2.Pin位数:

PART NO.: Dimensions(mm)

A B

2x01 -- 5.60

2x02 4.20 9.80

2x03 8.40 14.00

2x04 12.60 18.20

2x05 16.80 22.40

2x06 21.00 26.60

2x07 25.20 30.80

2x08 29.40 35.00

2x09 33.60 39.20

2x10 37.80 43.40

2x11 42.00 47.60

2x12 46.20 51.80

P.C.B LAYOUT

X.±0.50 X°.±
.X±0.25 .X°±
.XX±0.15 .XX°±
.XXX±0.10 .XXX°±
UNITS: mm

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PART NO:
M4202R-2xNP

TITLE:
4.20mm Crimp Style Connectors

APPD Chen ZhiQiang

CHKD Liu Wei

DRAW Chen HongJiang

DATE 2024.06.28

DWG NO:
VIEW ⊕ ↗

SCALE SHEET REV
NONE 1/1 A1

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RoHS

Last Circuit

Circuit 1

Circuit 2

2x01-2x06P B±0.30
2x07-2x12P B±0.50

9.70±0.20 1.40

5.50±0.20

4.20±0.10 1.14±0.05

2x01-2x06P A±0.25
2x07-2x12P A±0.40

12.85±0.25

3.60±0.25

Ø1.80

P.C.B LAYOUT

2x01P 2x12P

2x02P 2x11P

2x03P 2x10P

2x04P 2x09P

2x05P 2x08P

2x06P 2x07P

CIRCUIT SIZE LAYOUT

SPECIFICATIONS

- Current rating: 9A AC, DC
- Voltage rating: 600V AC,DC
- Temperature range: -25℃ ~ +105℃
- Insulation resistance: 1000MΩ Min.
- Withstanding voltage: 1500V AC/ minute.
- Contact resistance: 10mΩ Max.

Material:

Insulator: Nylon 66 UL 94V-2

Contact: Brass

Plating: Tin plated over Nickel

Circuits: 02~24

Mate with XFCN P4202 series double row male housing

Ordering Code:

M4202R-2xNP

1.序列号
2.Pin位数:

PART NO.	Dimensions(mm)	
	A	B
2x01	--	5.60
2x02	4.20	9.80
2x03	8.40	14.00
2x04	12.60	18.20
2x05	16.80	22.40
2x06	21.00	26.60
2x07	25.20	30.80
2x08	29.40	35.00
2x09	33.60	39.20
2x10	37.80	43.40
2x11	42.00	47.60
2x12	46.20	51.80

REV	ECN NO.	DESCRIPTION	DESIGN	APPROVAL	DATE
A1	NEW	更换图框			2024.05.24

PART NO: M4202R-2xNP		XFCN兴飞连接器		
TITLE: 4.20mm Crimp Style Connectors		0769-82001899		
		www.xfconn.com		
DWG NO:				
APPD	Chen ZhiQiang	VIEW		
CHKD	Liu Wei	SCALE	SHEET	REV
DRAW	Chen HongJiang	NONE	1/1	A1
DATE	2024.06.28			

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