

RoHS

CUST INFORMATION.

PART NO.	DRAWING NO.	REV.
NA	NA	NA

Specifications:

- 1.Current rating:9A AC,DC
- 2.Voltage rating:600V AC,DC
- 3.Temperature range:-40°C~+105°C
- 4.Contact resistance:10mΩMax.
- 5.Insulation resistance:1000MΩMin.
- 6.Withstanding voltage:1500V AC/minute
- 7.Material:PA66 UL94V-0/2
Contact:1.14mm Brass,Tin over Nickel
- 8.Bill Of Part No.:

FU4201WR-2xXP-X-HF

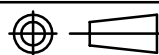
Pin:	Material Color
2	A : White
3	B : Black
4	C : Red
.	D : Orangr
.	E : Yellow
.	F : Green
.	.
.	.

9.Ordering Information & Dimensions

51.60	46.20	2x12	26.40	21.00	2x6
47.40	42.00	2x11	22.20	16.80	2x5
43.20	37.80	2x10	18.00	12.60	2x4
39.00	33.60	2x9	13.80	8.40	2x3
34.80	29.40	2x8	9.60	4.20	2x2
30.60	25.20	2x7	5.40	---	2x1
DIM B	DIM A	PIN	DIM B	DIM A	PIN

TOLERANCE

X.	X.XXX ±0.1
X.X ±0.30	
X.XX ±0.20	Angular ±2°



UNIT:
mm

DWG TYPE.

Customer Drawing

PART NO.

FU4201WR-2xXP-X-HF

DRAWING NO.

C-FU4201WR-2xXP-X-HF

APPROVED BY

CHECKED BY

DRAWN BY

PAGE
1 OF 1

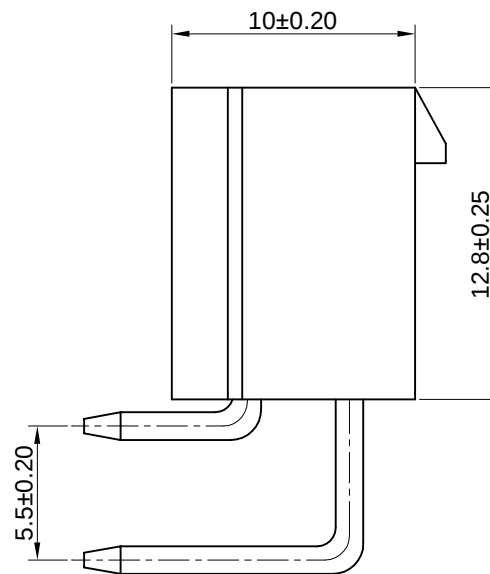
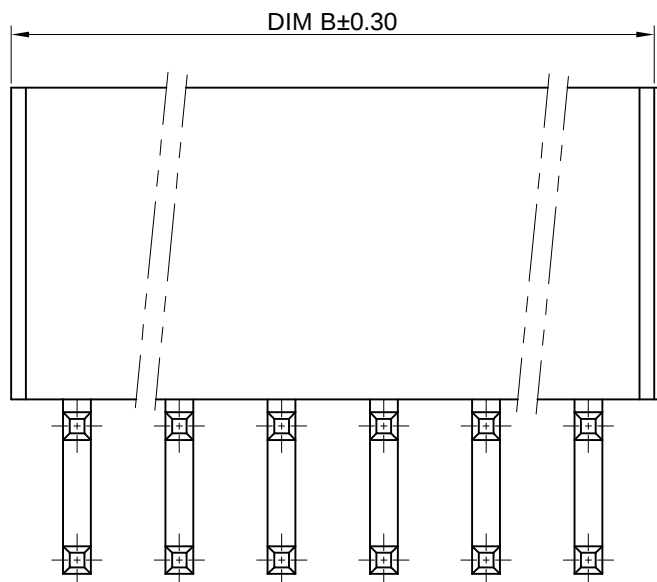
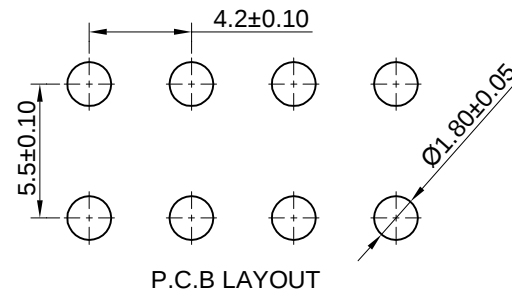
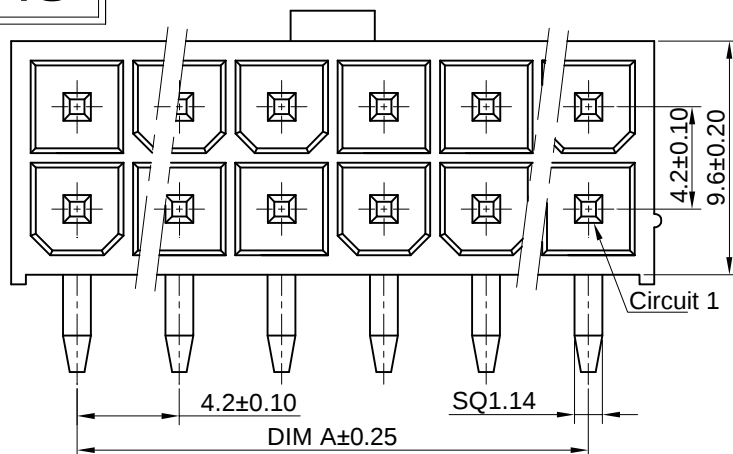
SCALE
5: 1

REV.

A

东莞市福朗连接器制造有限公司
DongGuan FuLang Connector Manufacturing Co., LTD

TITLE. 4.2mm W-T-B Right Angle Header
Without Mounting Flanges



A		For New Drawing	GuobaoLi	2017.12.27
REV.	ECN NO	REVISION RECORD	DRAW	DATE

RoHS

CUST INFORMATION.

PART NO.	DRAWING NO.	REV.
NA	NA	NA

Specifications:

- 1.Current rating:9A AC,DC
- 2.Voltage rating:600V AC,DC
- 3.Temperature range:-40°C~+105°C
- 4.Contact resistance:10mΩMax.
- 5.Insulation resistance:1000MΩMin.
- 6.Withstanding voltage:1500V AC/minute
- 7.Material:PA66 UL94V-0/2
Contact:0.25mm Brass,Tin over Nickel
- 8.Bill Of Part No.:

FU4201WV-XP-X-HF

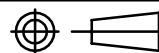
Pin:	Material Color
2	A : White
3	B : Black
4	C : Red
.	D : Orangr
.	E : Yellow
.	F : Green
.	.
.	.

9.Ordering Information & Dimensions

			30.60	25.20	7
51.60	46.20	12	26.40	21.00	6
47.40	42.00	11	22.20	16.80	5
43.20	37.80	10	18.00	12.60	4
39.00	33.60	9	13.80	8.40	3
34.80	29.40	8	9.60	4.20	2
DIM B	DIM A	PIN	DIM B	DIM A	PIN

TOLERANCE

X.	X.XXX ±0.1
X.X ±0.30	
X.XX ±0.20	Angular ±2°



UNIT:
mm

DWG TYPE.

Customer Drawing

PART NO.

FU4201WV-XP-X-HF

DRAWING NO.

C-FU4201WV-XP-X-HF

APPROVED BY

CHECKED BY

DRAWN BY

PAGE

1OF1

SCALE

5: 1

REV.

A

东莞市福朗连接器制造有限公司
DongGuan FuLang Connector Manufacturing Co., LTD

TITLE. 4.2mm Pitch Vertical Header Assy
(Ssingle Row)Mini Fit JR.Series

3.5±0.30

DIM B±0.30

DIM A±0.25

Circuit 1

P.C.B LAYOUT

4.2±0.05

Ø1.40±0.05

1.85

12.8±0.25

5.4

4.2±0.10

1

2

3

4

5

6

A

B

C

D

A

B

C

D

QMI-P17-06-05

RoHS

CUST INFORMATION.

PART NO.
NADRAWING NO.
NAREV.
NA

Specifications:

- 1.Current rating:9A AC,DC
- 2.Voltage rating:600V AC,DC
- 3.Temperature range:-40°C~+105°C
- 4.Contact resistance:10mΩMax.
- 5.Insulation resistance:1000MΩMin.
- 6.Withstanding voltage:1500V AC/minute
- 7.Material:PA66 UL94V-0/2
Contact:SQ1.14mm Brass,Tin over Nickel
- 8.Bill Of Part No.:
FU4201WVSQ-XP-X-HF

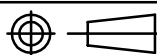
Pin:
2 A : White
3 B : Black
4 C : Red
. D : Orangr
. E : Yellow
. F : Green

9.Ordering Information & Dimensions

			30.60	25.20	7
51.60	46.20	12	26.40	21.00	6
47.40	42.00	11	22.20	16.80	5
43.20	37.80	10	18.00	12.60	4
39.00	33.60	9	13.80	8.40	3
34.80	29.40	8	9.60	4.20	2
DIM B	DIM A	PIN	DIM B	DIM A	PIN

TOLERANCE

X. X.XXX ±0.1
X.X ±0.30
X.XX ±0.20 Angular ±2°

UNIT:
mm

DWG TYPE.

Customer Drawing

PART NO.

FU4201WVSQ-XP-X-HF

DRAWING NO.

C-FU4201WVSQ-XP-X-HF

APPROVED BY

CHECKED BY

DRAWN BY

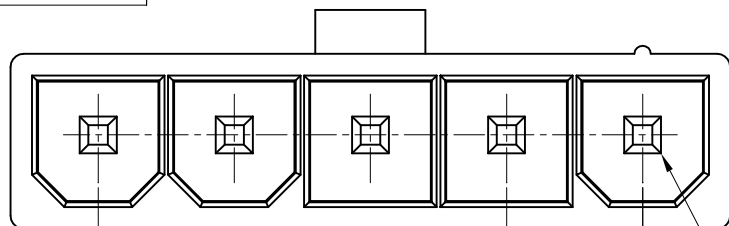
PAGE
1 OF 1SCALE
5: 1

REV.

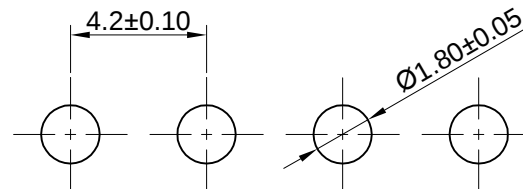
A

东莞市福朗连接器制造有限公司
DongGuan FuLang Connector Manufacturing Co., LTD

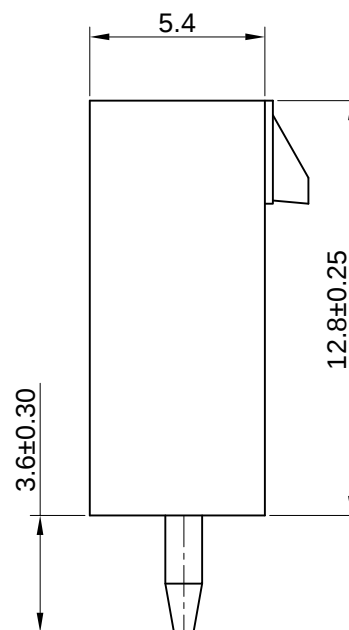
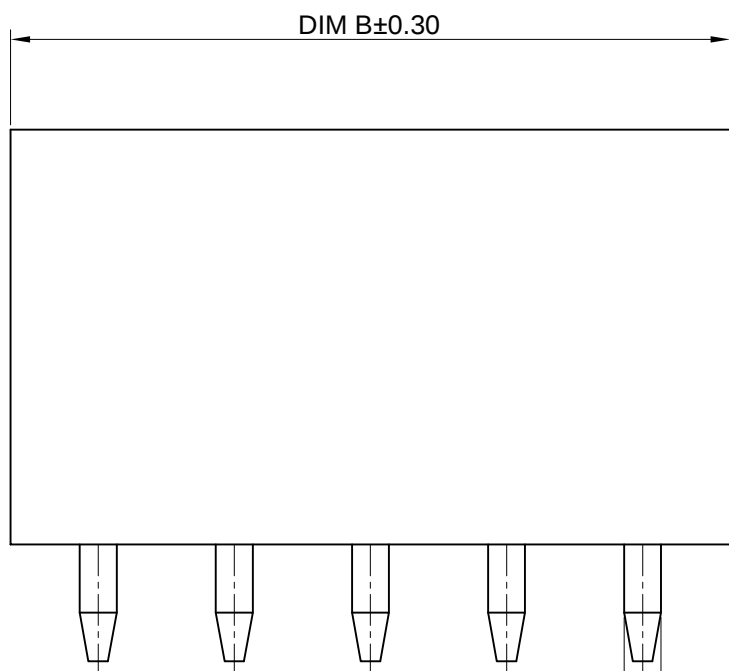
TITLE. 4.2mm Pitch Vertical Header Assy
(Ssingle Row)Mini Fit JR.Series



Circuit 1



P.C.B LAYOUT



SQ1.14

A		For New Drawing	GuobaoLi	2017.12.27
REV.	ECN NO	REVISION RECORD	DRAW	DATE

RoHS

CUST INFORMATION.

PART NO.	DRAWING NO.	REV.
NA	NA	NA

Specifications:

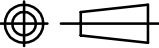
- 1.Current rating:9A AC,DC
- 2.Voltage rating:600V AC,DC
- 3.Temperature range:-40°C~+105°C
- 4.Contact resistance:10mΩMax.
- 5.Insulation resistance:1000MΩMin.
- 6.Withstanding voltage:1500V AC/minute
- 7.Material:PA66 UL94V-0/2
- 8.Bill Of Part No.:

FU4201WVSQ-2xXP-X-HF

Pin:
2
3
4
.
.
.
Material Color
A : White
B : Black
C : Red
D : Orangr
E : Yellow
F : Green

9.Ordering Information & Dimensions

51.60	46.20	2x12	26.40	21.00	2x6
47.40	42.00	2x11	22.20	16.80	2x5
43.20	37.80	2x10	18.00	12.60	2x4
39.00	33.60	2x9	13.80	8.40	2x3
34.80	29.40	2x8	9.60	4.20	2x2
30.60	25.20	2x7	5.40	---	2x1
DIM B	DIM A	PIN	DIM B	DIM A	PIN

TOLERANCE		PART NO.	东莞市福朗连接器制造有限公司 DongGuan FuLang Connector Manufacturing Co., LTD		
X. X.X ±0.30 X.XX ±0.20	X.XXX ±0.1 Angular ±2°	FU4201WVSQ-2xXP-X-HF			
		DRAWING NO.	TITLE. 4.2mm W-T-B Right Vertical Header Without Mounting Flanges		
UNIT: mm		C-FU4201WVSQ-2xXP-X-HF			
DWG TYPE.		APPROVED BY	CHECKED BY	DRAWN BY	PAGE
Customer Drawing					1 OF 1
					SCALE 5: 1
					REV. A

A
B
C
D

A
B
C
D

		For New Drawing	GuobaoLi	2017.12.27
REV.	ECN NO	REVISION RECORD	DRAW	DATE

RoHS

CUST INFORMATION.

PART NO.	DRAWING NO.	REV.
NA	NA	NA

Specifications:

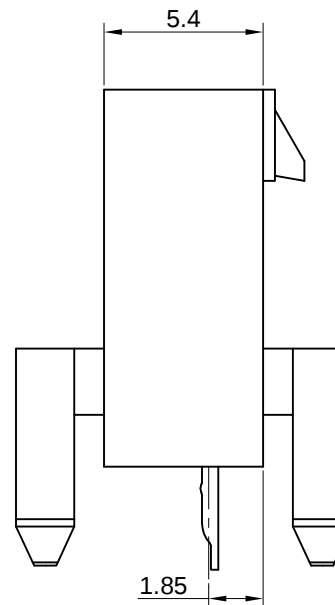
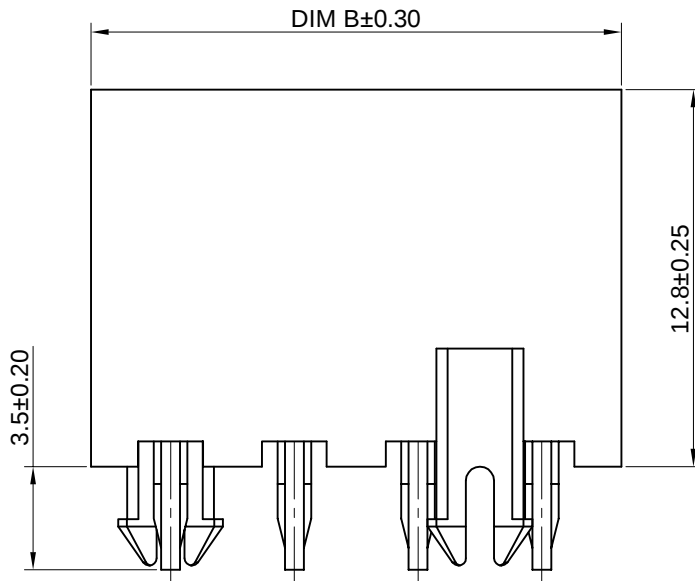
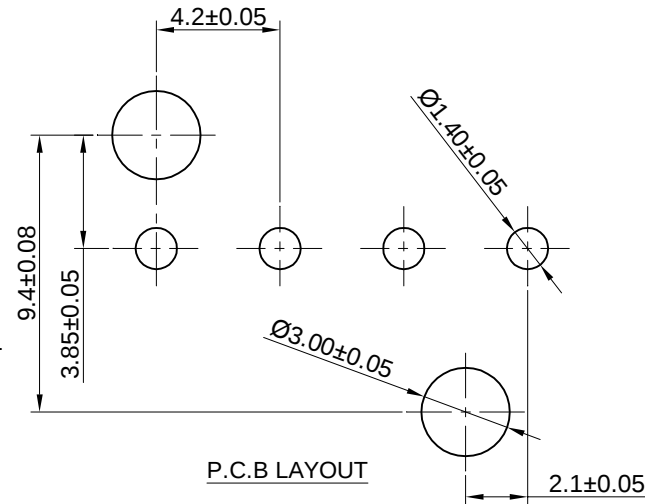
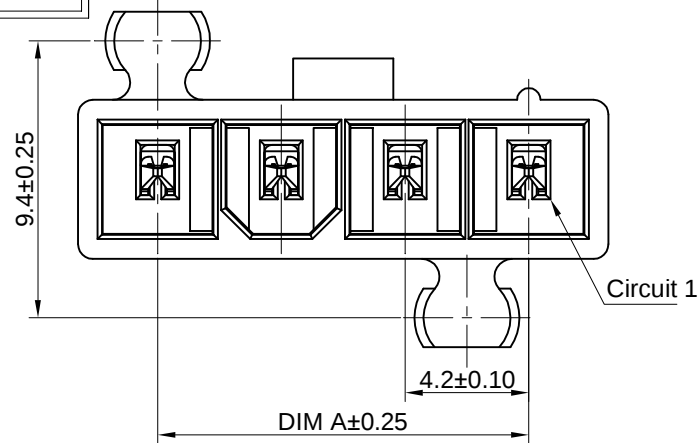
- 1.Current rating:9A AC,DC
- 2.Voltage rating:600V AC,DC
- 3.Temperature range:-40°C~+105°C
- 4.Contact resistance:10mΩMax.
- 5.Insulation resistance:1000MΩMin.
- 6.Withstanding voltage:1500V AC/minute
- 7.Material:PA66 UL94V-0/2
Contact:0.25mm Brass,Tin over Nickel
- 8.Bill Of Part No.:

FU4201WVBS-XP-X-HF

Pin:	Material Color
2	A : White
3	B : Black
4	C : Red
.	D : Orangr
.	E : Yellow
.	F : Green
.	.
.	.

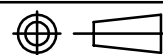
9.Ordering Information & Dimensions

			30.60	25.20	7
51.60	46.20	12	26.40	21.00	6
47.40	42.00	11	22.20	16.80	5
43.20	37.80	10	18.00	12.60	4
39.00	33.60	9	13.80	8.40	3
34.80	29.40	8	9.60	4.20	2
DIM B	DIM A	PIN	DIM B	DIM A	PIN



TOLERANCE

X.	X.XXX ±0.1
X.X ±0.30	
X.XX ±0.20	Angular ±2°



UNIT:
mm

DWG TYPE.

Customer Drawing

PART NO.

FU4201WVBS-XP-X-HF

DRAWING NO.

C-FU4201WVBS-XP-X-HF

APPROVED BY

CHECKED BY

DRAWN BY

PAGE

1 OF 1

REV.

SCALE

5: 1

A

RoHS

CUST INFORMATION.

PART NO.	DRAWING NO.	REV.
NA	NA	NA

Specifications:

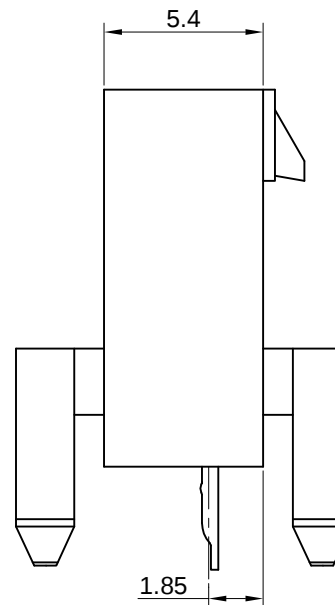
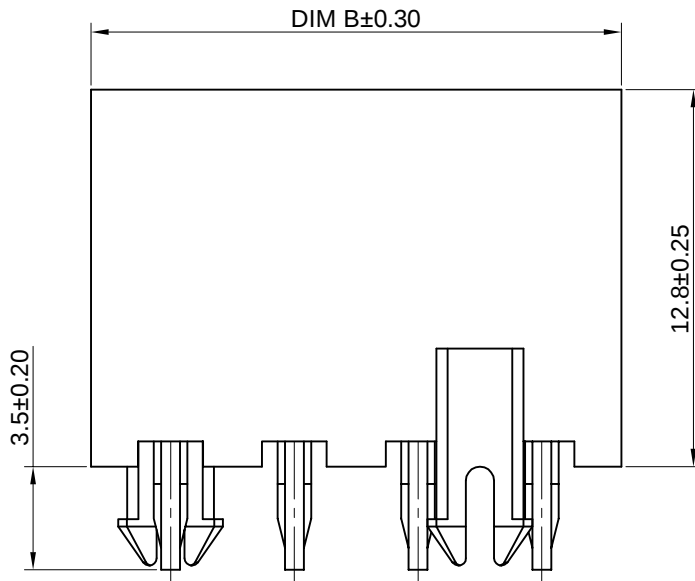
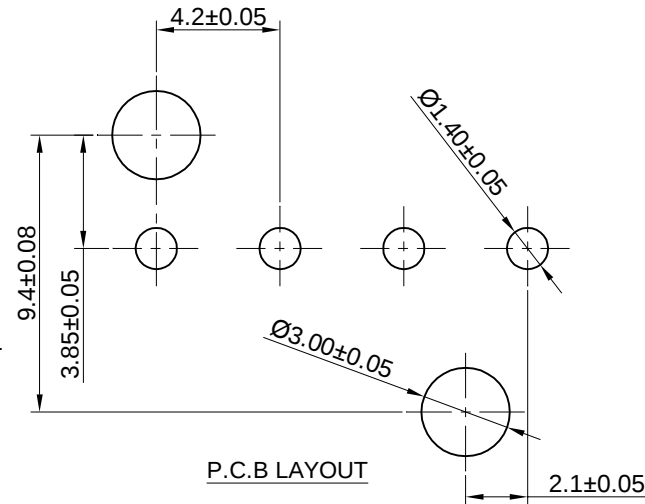
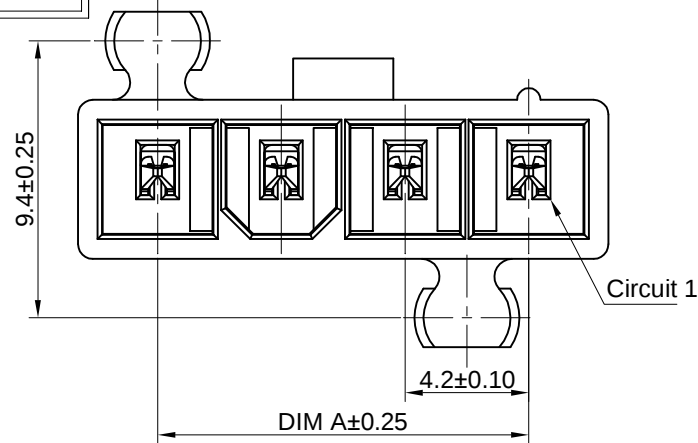
- 1.Current rating:9A AC,DC
- 2.Voltage rating:600V AC,DC
- 3.Temperature range:-40°C~+105°C
- 4.Contact resistance:10mΩMax.
- 5.Insulation resistance:1000MΩMin.
- 6.Withstanding voltage:1500V AC/minute
- 7.Material:PA66 UL94V-0/2
Contact:0.25mm Brass,Tin over Nickel
- 8.Bill Of Part No.:

FU4201WVBS-XP-X-HF

Pin:	Material Color
2	A : White
3	B : Black
4	C : Red
.	D : Orangr
.	E : Yellow
.	F : Green
.	.
.	.

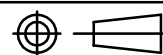
9.Ordering Information & Dimensions

			30.60	25.20	7
51.60	46.20	12	26.40	21.00	6
47.40	42.00	11	22.20	16.80	5
43.20	37.80	10	18.00	12.60	4
39.00	33.60	9	13.80	8.40	3
34.80	29.40	8	9.60	4.20	2
DIM B	DIM A	PIN	DIM B	DIM A	PIN



TOLERANCE

X.	X.XXX ±0.1
X.X ±0.30	
X.XX ±0.20	Angular ±2°



UNIT:
mm

DWG TYPE.

Customer Drawing

PART NO.

FU4201WVBS-XP-X-HF

DRAWING NO.

C-FU4201WVBS-XP-X-HF

APPROVED BY

CHECKED BY

DRAWN BY

PAGE

1 OF 1

REV.

SCALE

5: 1

A

RoHS

Last Circuit

A

B

C

D

4.2±0.10

4.2±0.10

DIM A±0.25

Circuit 2

Circuit 1

B±0.25

12.8±0.25

9.6±0.25

3.5±0.20

5.5±0.20

CUST INFORMATION.

PART NO.	DRAWING NO.	REV.
NA	NA	NA

Specifications:

- 1.Current rating:9A AC,DC
- 2.Voltage rating:600V AC,DC
- 3.Temperature range:-40°C~+105°C
- 4.Contact resistance:10mΩMax.
- 5.Insulation resistance:1000MΩMin.
- 6.Withstanding voltage:1500V AC/minute
- 7.Material:PA66 UL94V-0/2
Contact:0.25mm Brass,Tin over Nickel
- 8.Bill Of Part No.:

FU4201WV-2xXP-X-HF

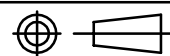
Pin:	Material Color
2	A : White
3	B : Black
4	C : Red
.	D : Orangr
.	E : Yellow
.	F : Green
.	.
.	.

9.Ordering Information & Dimensions

51.60	46.20	2x12	26.40	21.00	2x6
47.40	42.00	2x11	22.20	16.80	2x5
43.20	37.80	2x10	18.00	12.60	2x4
39.00	33.60	2x9	13.80	8.40	2x3
34.80	29.40	2x8	9.60	4.20	2x2
30.60	25.20	2x7	5.40	---	2x1
DIM B	DIM A	PIN	DIM B	DIM A	PIN

TOLERANCE

X.	X.XXX ±0.1
X.X ±0.30	
X.XX ±0.20	Angular ±2°



UNIT:
mm

DWG TYPE.

Customer Drawing

PART NO.

FU4201WV-2xXP-X-HF

DRAWING NO.

C-FU4201WV-2xXP-X-HF

APPROVED BY

CHECKED BY

DRAWN BY

PAGE

1OF1

REV.

SCALE

5: 1

A

1

2

3

4

5

6

1

2

3

4

5

6

QMI-P17-06-05

A		For New Drawing	GuobaoLi	2017.12.27
REV.	ECN NO	REVISION RECORD	DRAW	DATE

RoHS

CUST INFORMATION.

PART NO.	DRAWING NO.	REV.
NA	NA	NA

Specifications:

- 1.Current rating:9A AC,DC
- 2.Voltage rating:600V AC,DC
- 3.Temperature range:-40°C~+105°C
- 4.Contact resistance:10mΩMax.
- 5.Insulation resistance:1000MΩMin.
- 6.Withstanding voltage:1500V AC/minute
- 7.Material:PA66 UL94V-0/2
Contact:1.14mm Brass,Tin over Nickel
- 8.Bill Of Part No.:

FU4201WR-XP-X-HF

Pin:	Material Color
2	A : White
3	B : Black
4	C : Red
.	D : Orangr
.	E : Yellow
.	F : Green
.	.
.	.
.	.

9.Ordering Information & Dimensions

			30.60	25.20	7
51.60	46.20	12	26.40	21.00	6
47.40	42.00	11	22.20	16.80	5
43.20	37.80	10	18.00	12.60	4
39.00	33.60	9	13.80	8.40	3
34.80	29.40	8	9.60	4.20	2
DIM B	DIM A	PIN	DIM B	DIM A	PIN

TOLERANCE

X.	X.XXX ±0.1
X.X ±0.30	
X.XX ±0.20	Angular ±2°



UNIT:
mm

DWG TYPE.

Customer Drawing

PART NO.

FU4201WR-XP-X-HF

DRAWING NO.

C-FU4201WR-XP-X-HF

APPROVED BY

CHECKED BY

DRAWN BY

PAGE
1 OF 1

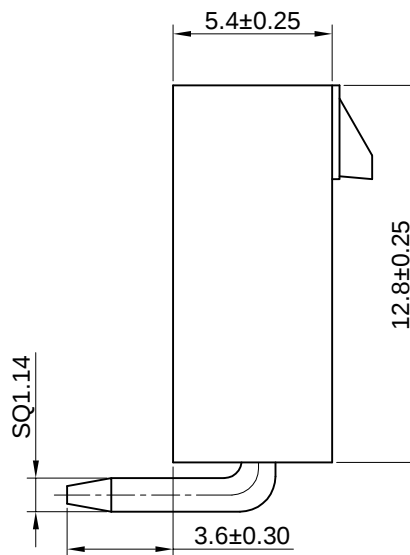
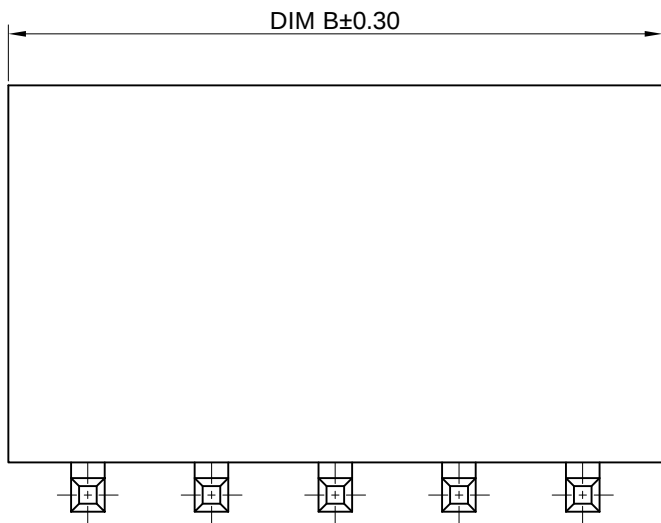
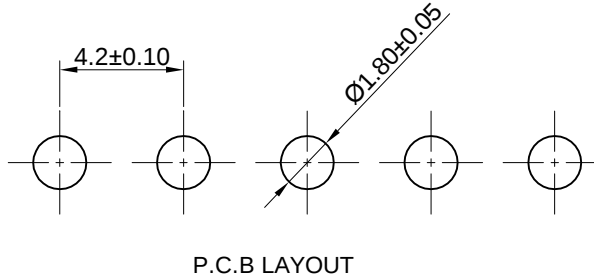
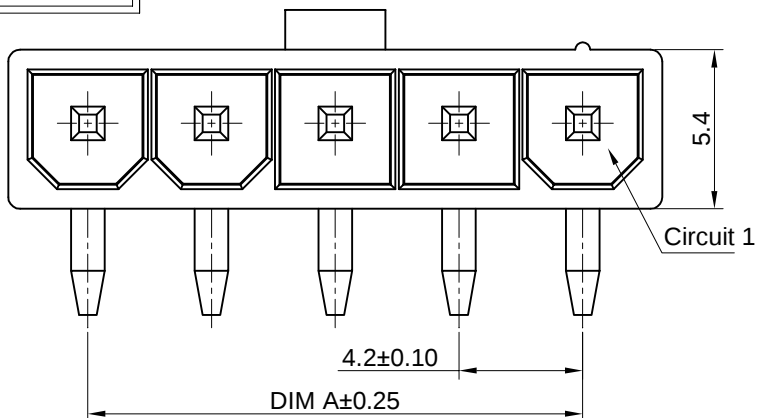
SCALE
5: 1

REV.

A

东莞市福朗连接器制造有限公司
DongGuan FuLang Connector Manufacturing Co., LTD

TITLE. 4.2mm Pitch Vertical Header Assy
(Ssingle Row)Mini Fit JR.Series



SQ1.14

REV.	ECN NO	REVISION RECORD	DRAW	DATE
A		For New Drawing	GuobaoLi	2017.12.27

RoHS

CUST INFORMATION.

PART NO.	DRAWING NO.	REV.
NA	NA	NA

Specifications:

- 1.Current rating:9A AC,DC
- 2.Voltage rating:600V AC,DC
- 3.Temperature range:-40°C~+105°C
- 4.Contact resistance:10mΩMax.
- 5.Insulation resistance:1000MΩMin.
- 6.Withstanding voltage:1500V AC/minute
- 7.Material:PA66 UL94V-0/2
Contact:1.14mm Brass,Tin over Nickel
- 8.Bill Of Part No.:

FU4201WRE-XP-X-HF

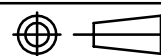
Pin:	Material Color
2	A : White
3	B : Black
4	C : Red
.	D : Orangr
.	E : Yellow
.	F : Green
.	.
.	.

9.Ordering Information & Dimensions

			30.60	25.20	7
51.60	46.20	12	26.40	21.00	6
47.40	42.00	11	22.20	16.80	5
43.20	37.80	10	18.00	12.60	4
39.00	33.60	9	13.80	8.40	3
34.80	29.40	8	9.60	4.20	2
DIM B	DIM A	PIN	DIM B	DIM A	PIN

TOLERANCE

X.	X.XXX ±0.1
X.X ±0.30	
X.XX ±0.20	Angular ±2°



UNIT:
mm

DWG TYPE.

Customer Drawing

PART NO.

FU4201WRE-XP-X-HF

DRAWING NO.

C-FU4201WRE-XP-X-HF

APPROVED BY

CHECKED BY

DRAWN BY

PAGE

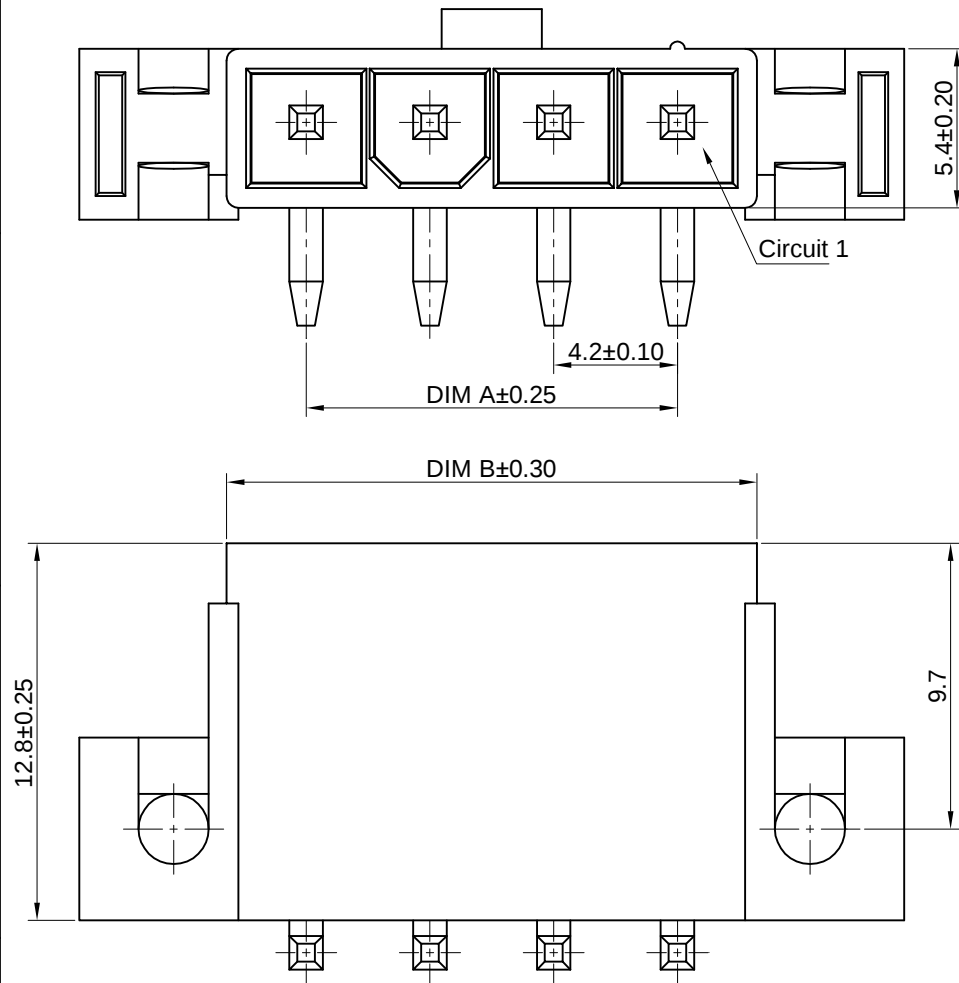
1OF1

REV.

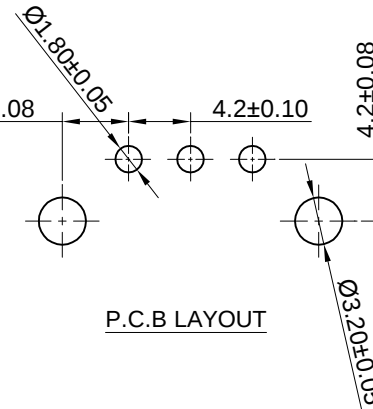
SCALE

5: 1

A



P.C.B LAYOUT



A		For New Drawing	GuobaoLi	2017.12.27
REV.	ECN NO	REVISION RECORD	DRAW	DATE

RoHS

CUST INFORMATION.

PART NO.	DRAWING NO.	REV.
NA	NA	NA

Specifications:

- 1.Current rating:9A AC,DC
- 2.Voltage rating:600V AC,DC
- 3.Temperature range:-40°C~+105°C
- 4.Contact resistance:10mΩMax.
- 5.Insulation resistance:1000MΩMin.
- 6.Withstanding voltage:1500V AC/minute
- 7.Material:PA66 UL94V-0/2
Contact:1.14mm Brass,Tin over Nickel
- 8.Bill Of Part No.:

FU4201WRBS-XP-X-HF

Pin:	Material Color
2	A : White
3	B : Black
4	C : Red
.	D : Orangr
.	E : Yellow
.	F : Green

9.Ordering Information & Dimensions

			30.60	25.20	7
51.60	46.20	12	26.40	21.00	6
47.40	42.00	11	22.20	16.80	5
43.20	37.80	10	18.00	12.60	4
39.00	33.60	9	13.80	8.40	3
34.80	29.40	8	9.60	4.20	2
DIM B	DIM A	PIN	DIM B	DIM A	PIN

TOLERANCE

X.	X.XXX ±0.1
X.X ±0.30	
X.XX ±0.20	Angular ±2°



UNIT:
mm

DWG TYPE.

Customer Drawing

PART NO.

FU4201WRBS-XP-X-HF

DRAWING NO.

C-FU4201WRBS-XP-X-HF

APPROVED BY

CHECKED BY

DRAWN BY

PAGE
1 OF 1

SCALE
5: 1

REV.

A

东莞市福朗连接器制造有限公司
DongGuan FuLang Connector Manufacturing Co., LTD

TITLE. 4.2mm Pitch Vertical Header Assy
(Ssingle Row)Mini Fit JR.Series

A

B

C

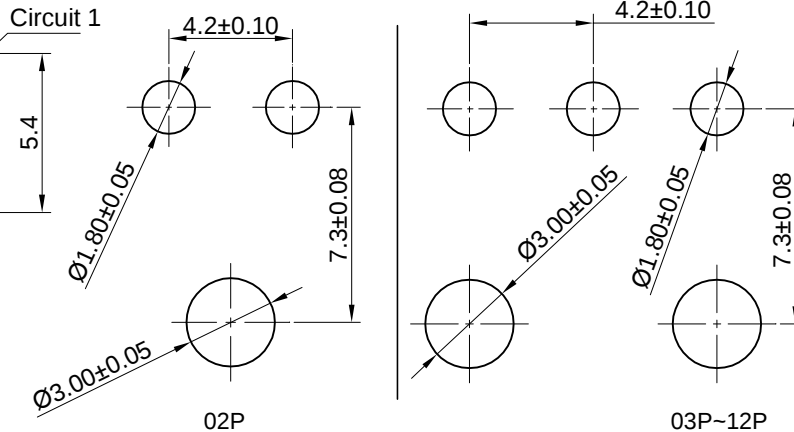
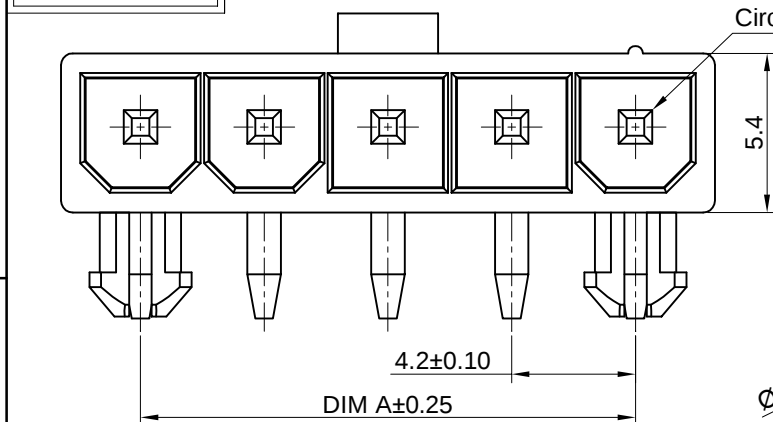
D

A

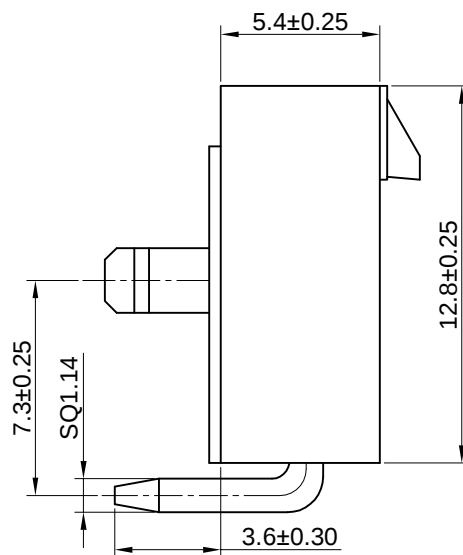
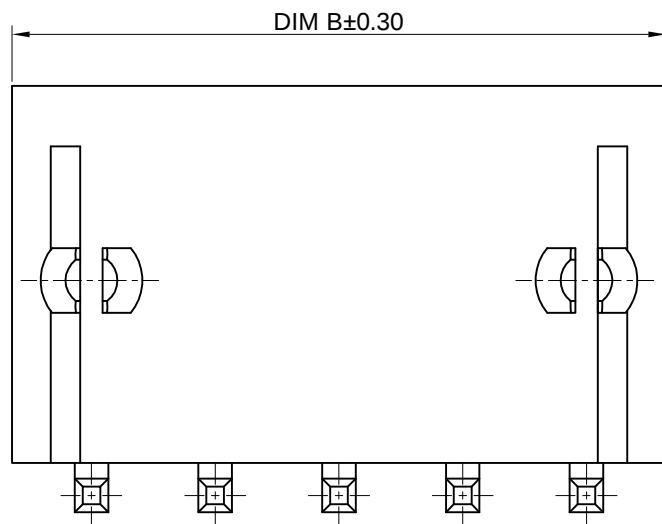
B

C

D



P.C.B LAYOUT



REV.	ECN NO	REVISION RECORD	DRAW	DATE
A		For New Drawing	GuobaoLi	2017.12.27

1

2

3

4

5

6

QMI-P17-06-05

RoHS

CUST INFORMATION.

PART NO.	DRAWING NO.	REV.
NA	NA	NA

Specifications:

- 1.Current rating:9A AC,DC
- 2.Voltage rating:600V AC,DC
- 3.Temperature range:-40°C~+105°C
- 4.Contact resistance:10mΩMax.
- 5.Insulation resistance:1000MΩMin.
- 6.Withstanding voltage:1500V AC/minute
- 7.Material:PA66 UL94V-0/2
Contact:1.14mm Brass,Tin over Nickel
- 8.Bill Of Part No.:

FU4201WRBS-2xXP-X-HF

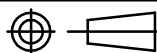
Pin:	Material Color
2	A : White
3	B : Black
4	C : Red
.	D : Orangr
.	E : Yellow
.	F : Green
.	.
.	.

9.Ordering Information & Dimensions

51.60	46.20	2x12	26.40	21.00	2x6
47.40	42.00	2x11	22.20	16.80	2x5
43.20	37.80	2x10	18.00	12.60	2x4
39.00	33.60	2x9	13.80	8.40	2x3
34.80	29.40	2x8	9.60	4.20	2x2
30.60	25.20	2x7	5.40	---	2x1
DIM B	DIM A	PIN	DIM B	DIM A	PIN

TOLERANCE

X.	X.XXX ±0.1
X.X ±0.30	
X.XX ±0.20	Angular ±2°



UNIT:
mm

DWG TYPE.

Customer Drawing

PART NO.

FU4201WRBS-2xXP-X-HF

DRAWING NO.

C-FU4201WRBS-2xXP-X-HF

APPROVED BY

CHECKED BY

DRAWN BY

PAGE
1 OF 1

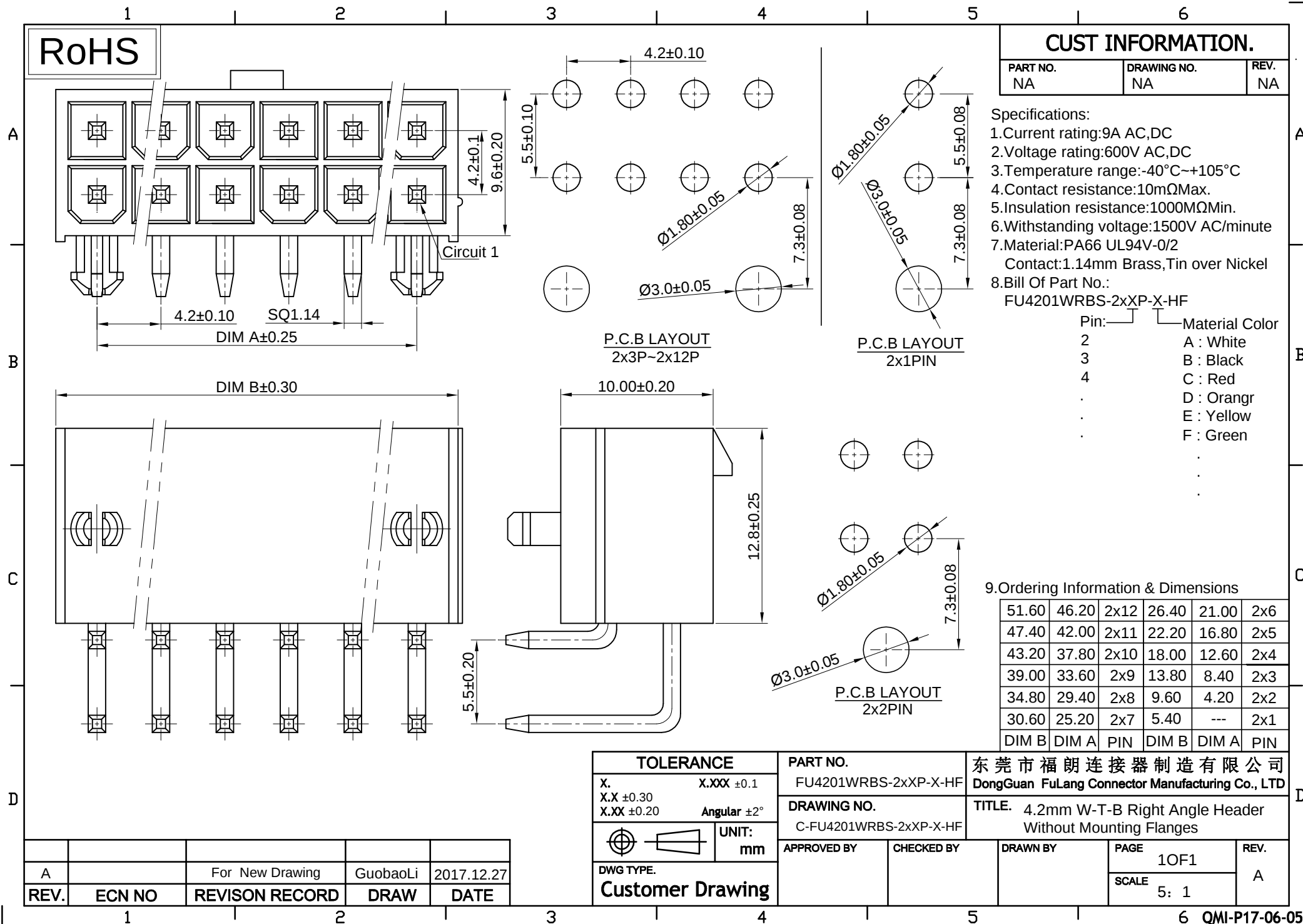
SCALE
5: 1

REV.

A

东莞市福朗连接器制造有限公司
DongGuan FuLang Connector Manufacturing Co., LTD

TITLE. 4.2mm W-T-B Right Angle Header
Without Mounting Flanges



REV.	ECN NO	REVISION RECORD	DRAW	DATE
A		For New Drawing	GuobaoLi	2017.12.27