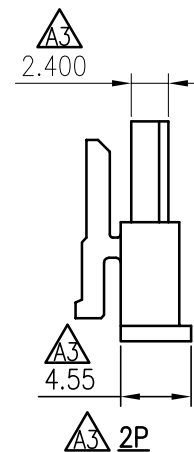
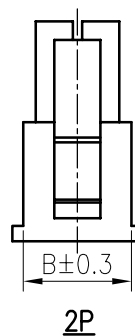
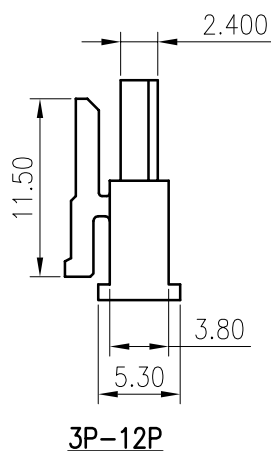
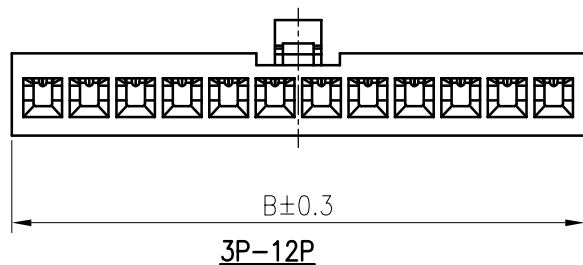
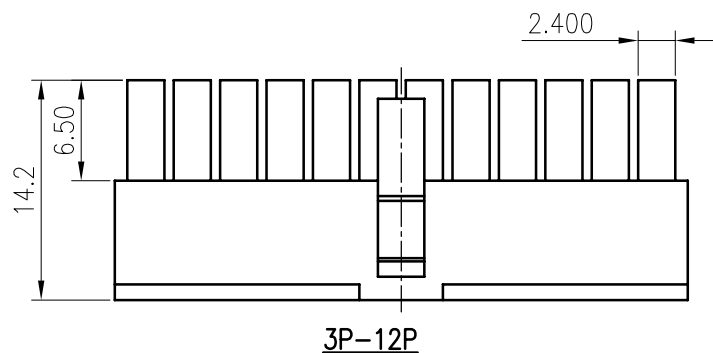
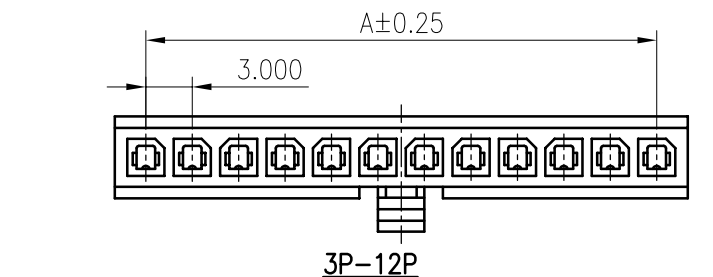


RoHS
COMPLIANT



SPECIFICATIONS

1. Current rating: 5A AC, DC
2. Voltage rating: 250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ Min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 10mΩ Max.

Material: PA66 UL94 V-0 or V-2

Circuits: 2~12

Suitable:KR3000HM series terminal

Mate With KR3000HF series single row housing
and kr3000 series single row wafer

Ordering Code:

H3000M *** ** 01A

No. of Circuits
102:2P,112:12P

Insulator Material
02:PA66 UL94V-0 black
04:PA66 UL94V-2 black

Circuits	Dimensions	
	A	B
2P	3.0	7.00
3P	6.0	10.00
4P	9.0	13.00
5P	12.0	16.00
6P	15.0	19.00
7P	18.0	22.00
8P	21.0	25.00
9P	24.0	28.00
10P	27.0	31.00
11P	30.0	34.00
12P	33.0	37.00



MARK

REVISION DESCRIPTION

SIGNATURE

DATE

TOLERANCE
X.X ±0.30
X.XX ±0.20
X.XXX ±0.10
Angle ±2°

TITLE:
MX3.0 Male Housing
Single Row

UNIT:mm

SCALE:N/A

DRAWN: TLX 2020.04.08

CHECKED:

APPROVED:

SHEET:1/1

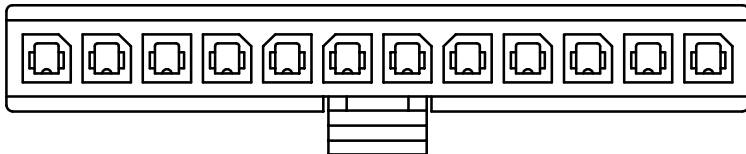
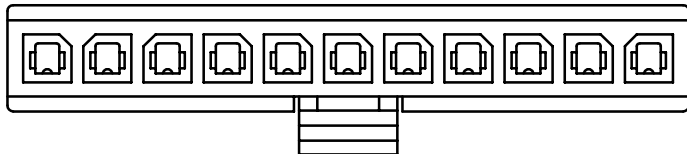
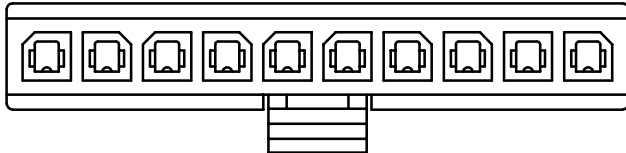
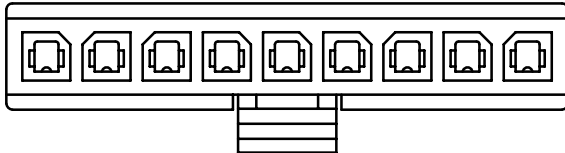
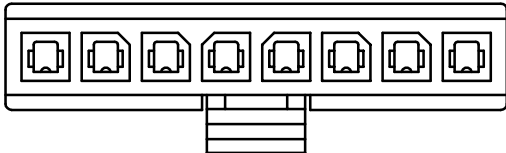
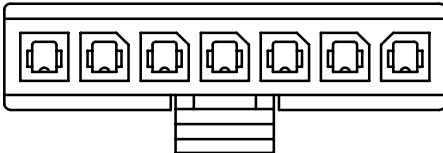
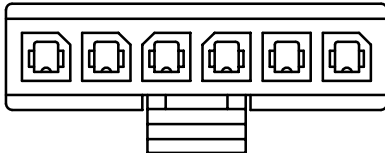
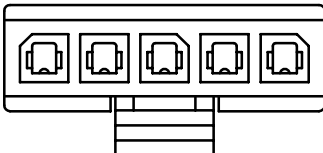
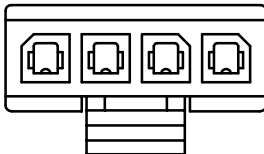
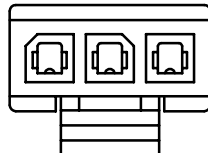
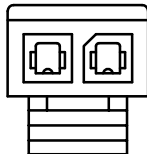
PROJECTION

KONNRA 东莞市康瑞电子有限公司
DongGuan Konnra Electronics Co.,Ltd.

PART NO.:H3000M1****01A

REV.:A6

DRAWING NO.:3000HM101-A-S

	1	2	3	4	5	6	7	8	9
A	RoHS COMPLIANT								
			12P			11P			
B									
			10P			9P			
C									
			8P			7P		6P	
D									
			5P			4P		3P	2P
F					TOLERANCE	TITLE:		DRAWN: TLX 2020.04.08	
		Uniformly arrange the drawings	Arvin	2021.09.24	X.X ±0.30	MX3.0 Male Housing		CHECKED:	
		Change the part number and frame format	TLX	2020.04.08	X.XX ±0.20	Single Row		APPROVED:	
					X.XXX ±0.10			PART NO.:H3000M1****01A	
					Angle ±2°			REV.:A6	
	MARK	REVISION DESCRIPTION	SIGNATURE	DATE	UNIT:mm	SCALE:N/A	SHEET:2/2	PROJECTION 	DRAWING NO.:3000HM101-A-S
	1	2	3	4	5	6	7	8	9

RoHS
COMPLIANT

SPECIFICATIONS

1. Current rating: 5A AC, DC
2. Voltage rating: 250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000M Ω Min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 10m Ω Max.

Material: PA66 UL94 V-0 or V-2

Circuits: 2*2~2*12

Suitable:KR3000HM series terminal

Mate With KR3000HF series dual row housing
and kr3000 series dual row wafer

Ordering Code:

H3000M *** **01A 

No.of Circuits

201:2x1P,

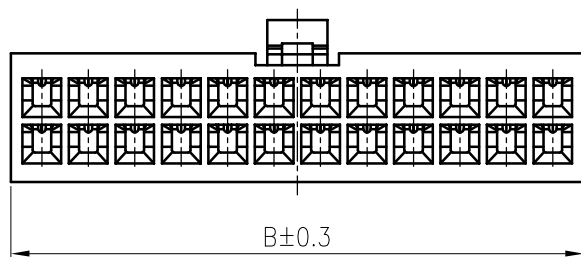
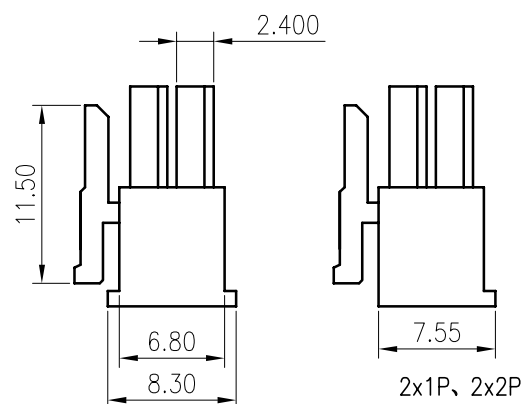
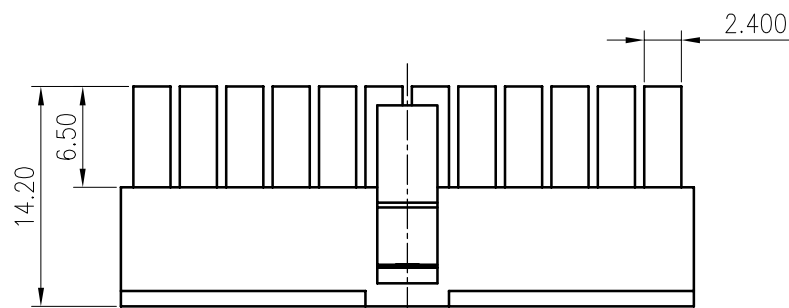
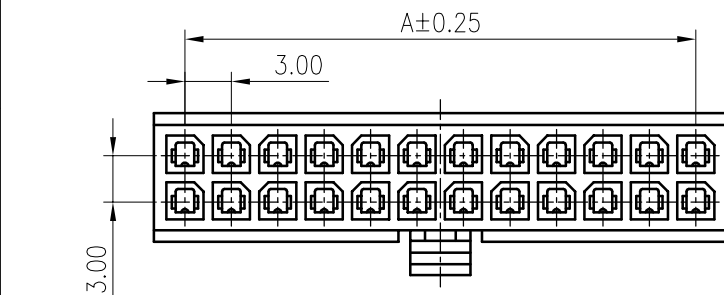
202:2x2P.....

Insulator Material

02:PA66 UL94V-0 black

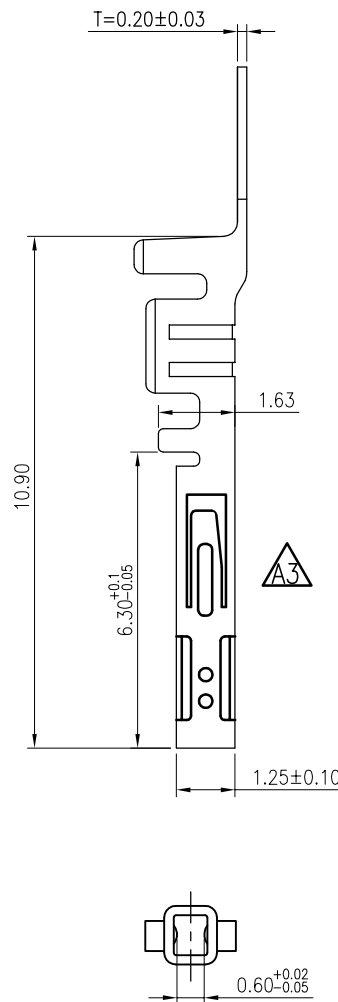
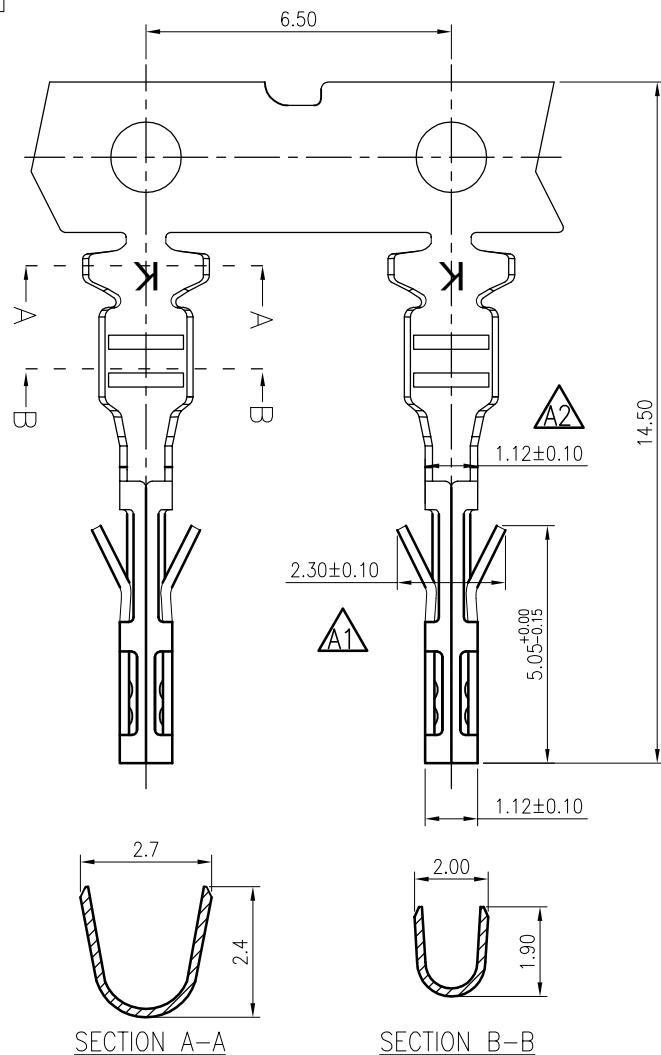
04:PA66 UL94V-2 black 

Circuits	Dimensions	
	A	B
2*1P		5.50
2*2P	3.0	8.50
2*3P	6.0	10.00
2*4P	9.0	13.00
2*5P	12.0	16.00
2*6P	15.0	19.00
2*7P	18.0	22.00
2*8P	21.0	25.00
2*9P	24.0	28.00
2*10P	27.0	31.00
2*11P	30.0	34.00
2*12P	33.0	37.00



				TOLERANCE X.X ±0.30 X.XX ±0.20 X.XXX ±0.10 Angle ±2°	TITLE: MX3.0 Male Housing Dual Row	DRAWN: TLX 2020.04.08		 东莞市康瑞电子有限公司 DongGuan Konnra Electronics Co.,Ltd		
	Uniformly arrange the drawings	Arvin	2021.09.24			CHECKED:				
	Change the part number and frame format	TLX	2020.04.08			APPROVED:		PART NO.:H3000M2****01A		
MARK	REVISION DESCRIPTION	SIGNATURE	DATE			UNIT:mm	SCALE:N/A	SHEET:1/2	PROJECTION 	REV.:A5

RoHS
COMPLIANT



SPECIFICATIONS

1. Current rating: 5A AC, DC
2. Voltage rating: 250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000M Ω Min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 10m Ω Max.

Material: Phosphor Bronze
Plating: See Tin plated over Nickel
Applicable wires: AWG #20~#24
Insulation O.D 1.30~1.80 mm
Suitable KR3000 series housing
Qty/reel:10,000PCS

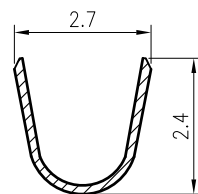
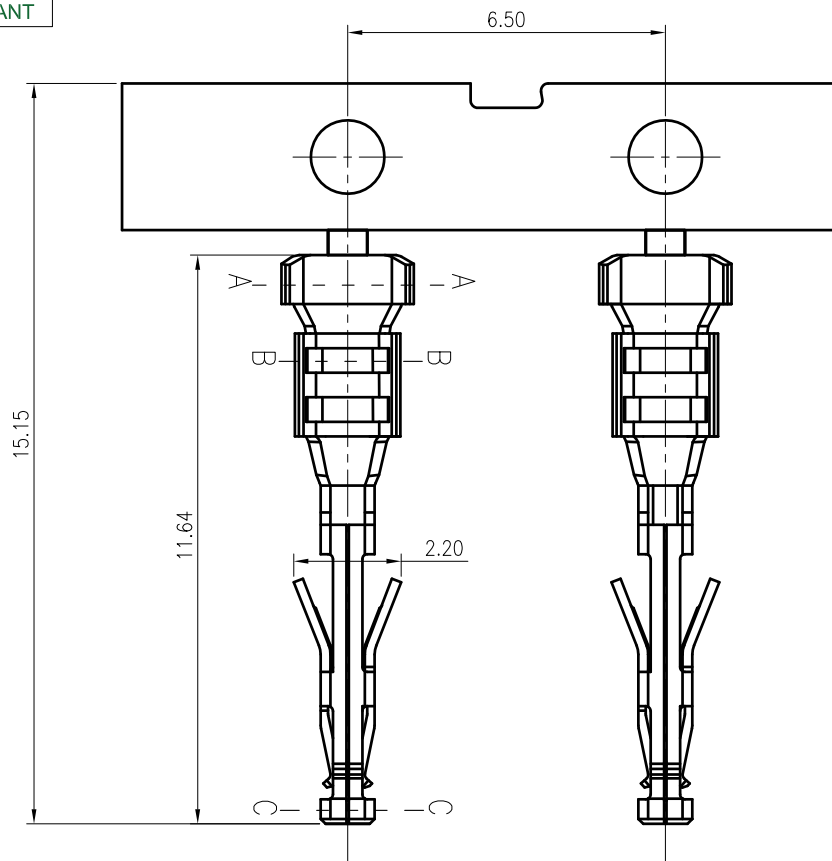
Ordering Code:

A4 T3000FP B01 01A

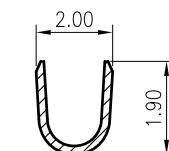
Plating
T01: Tin plated
G03: gold plated 3u"
B01: Selective gold flash
B02: Selective gold plated 1u"
B03: Selective gold plated 3u"
B04: Selective gold plated 5u"
B07: Selective gold plated 30u"
B08: Selective gold plated 2u"

F	A6				TOLERANCE	TITLE:		DRAWN: ru yi 2020.03.10		KONNRA 东莞市康瑞电子有限公司	
	A5	Uniformly arrange the drawings	Arvin	2021.09.26	X.X ± 0.30	MX3.0 Female		CHECKED:		DongGuan Konnra Electronics Co.,Ltd.	
	A4	Change the part number and frame format	TLX	2021.04.14	X.XX ± 0.20	Terminal W=2.30		APPROVED:		PART NO.:T3000FP***01A	
	MARK	REVISION DESCRIPTION	SIGNATURE	DATE	X.XXX ± 0.10	UNIT:mm	SCALE:N/A	SHEET:1/1	PROJECTION	REV.:A5	DRAWING NO.:3000TF01-A-S
					Angle $\pm 2^\circ$						

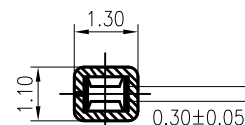
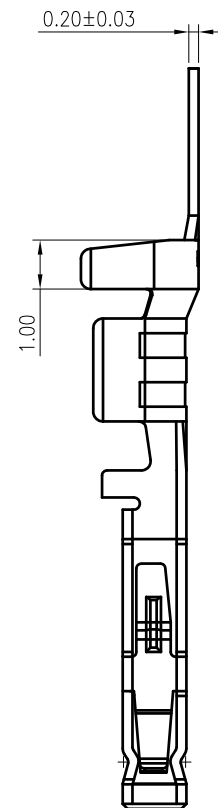
RoHS
COMPLIANT



SECTION A-A



SECTION B-B



SECTION C-C

SPECIFICATIONS

1. Current rating: 5A AC, DC
2. Voltage rating: 250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ Min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 10mΩ Max.

Material: Phosphor Bronze

Plating: Tin or gold plated over Nickel

Applicable wires: AWG #20~#24

Insulation O.D 1.30~1.80 mm

Suitable KR3000 series housing

Qty/reel:10,000PCS

Ordering Code:

 T3000FP B01 01C

Plating

T01: Tin plated

B01: Selective Gold flsh

B02: Selective Gold 1u"



MARK

1

2

3

4

5

6

7

8

9

TOLERANCE

X.X ±0.30

X.XX ±0.20

X.XXX ±0.10

Angle ±2°

TITLE:

MX3.0 Female
Terminal B Type

UNIT:mm

SCALE:N/A

DRAWN:

Arvin 2020.12.19

CHECKED:

APPROVED:

SHEET:1/1

PROJECTION

KONNRA 东莞市康瑞电子有限公司

DongGuan Konnra Electronics Co.,Ltd.

PART NO.:T3000FP***01C

REV.:A3

DRAWING NO.:3000TF01-C-S

1. Current rating: 5A AC, DC
2. Voltage rating: 250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000M Ω Min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 10m Ω Max.

Insulator: PA9T UL 94V-0
Contact: Brass
Plating: Tin plated over nickel
Circuits: 2~12
Mate with KR3000 series single row housing

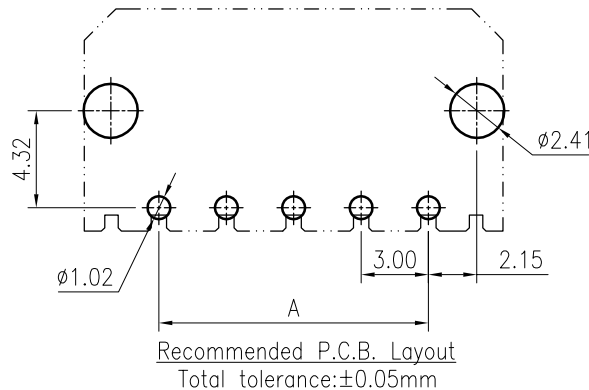
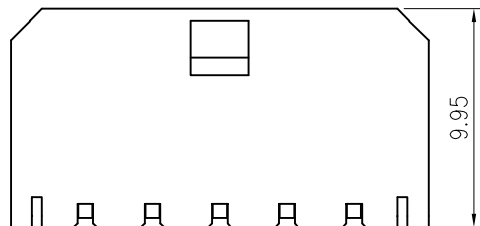
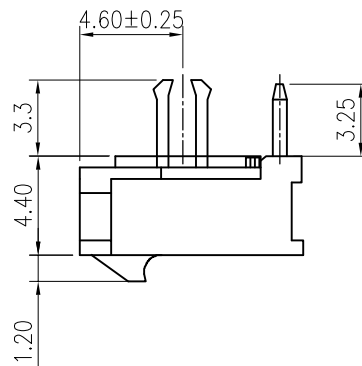
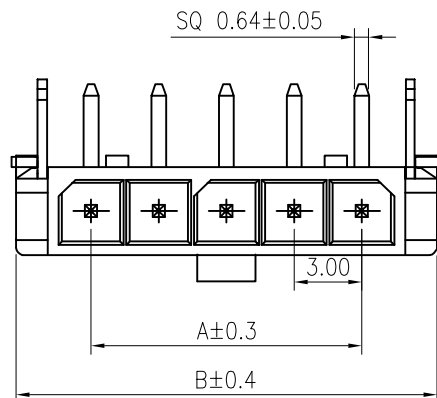
 C3000RD *** ** T0101 R A

No. of Circuits	Packing
102:2P,103:3P.....	R: Reel Tape
Insulator Material	P: Bag
11:PA9T Natural	
12:PA9T Black	

PIN NO.	DIMENSIONS	
	A	B
2P	3.00	9.65
3P	6.00	12.65
4P	9.00	15.65
5P	12.00	18.65
6P	15.00	21.65
7P	18.00	24.65
8P	21.00	27.65
9P	24.00	30.65
10P	27.00	33.65
11P	30.00	36.65
12P	33.00	39.65

F					TOLERANCE		TITLE:		DRAWN: ru yi 2020.03.10		KONNRA [®] 东莞市康瑞电子有限公司		
		Uniformly arrange the drawings	Arvin	2021.09.18	X.X ±0.30	MX3.0 DIP 90° Wafer Single Row	CHECKED:				DongGuan Konnra Electronics Co.,Ltd.		
		Change the part number and frame format	Ru yi	2020.3.10	X.XX ±0.20		APPROVED:				PART NO.:C3000RD***12T0101*A		
	MARK	REVISION DESCRIPTION	SIGNATURE	DATE	X.XXX ±0.10		Angle ±2°		UNIT:mm	SCALE:N/A	SHEET:1/1	PROJECTION 	REV.:A3
	1	2	3	4	5	6	7	8	9				

RoHS
COMPLIANT



SPECIFICATIONS

1. Current rating: 5A AC, DC
2. Voltage rating: 250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ Min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 10mΩ Max.

Material:

Insulator: LCP UL 94V-0
Contact: Brass
Plating: Tin plated over nickel
Circuits: 2~12
Mate with KR3000 series single row housing

Ordering Code:

A C3000RD *** 14 T0102 R A

No.of Circuits
102:2P,103:3P.....

Insulator Material
14:LCP Black

PIN NO.	DIMENSIONS	
	A	B
2P	3.00	9.65
3P	6.00	12.65
4P	9.00	15.65
5P	12.00	18.65
6P	15.00	21.65
7P	18.00	24.65
8P	21.00	27.65
9P	24.00	30.65
10P	27.00	33.65
11P	30.00	36.65
12P	33.00	39.65



MARK

Uniformly arrange the drawings
Change the part number and
frame format

Arvin
Ru yi

2021.09.18
2020.3.10

TOLERANCE
X.X ±0.30
X.XX ±0.20
X.XXX ±0.10
Angle ±2°

TITLE:
MX3.0 DIP 90° Wafer
With Clips Single
Row

UNIT:mm SCALE:N/A

DRAWN: ru yi 2020.03.10

CHECKED:

APPROVED:

SHEET:1/1

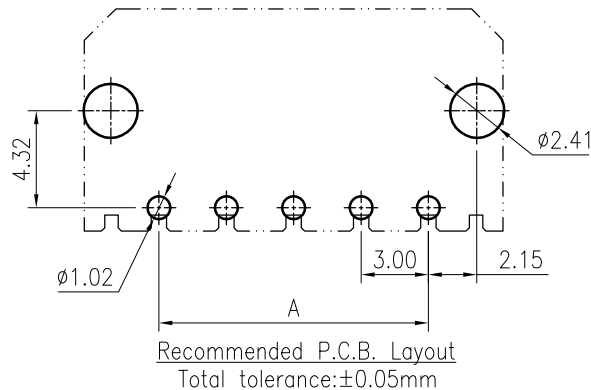
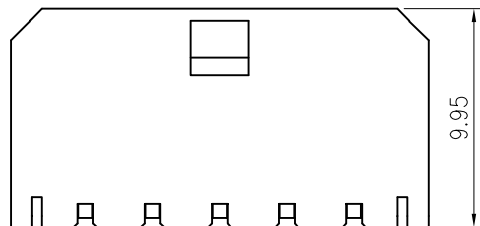
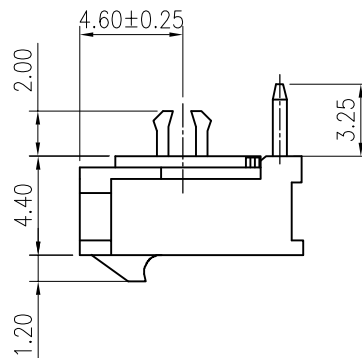
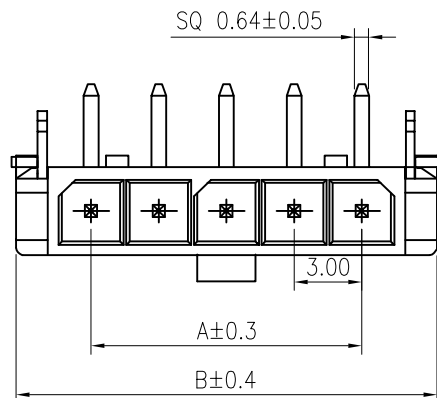
PROJECTION

KONNRA 东莞市康瑞电子有限公司
DongGuan Konnra Electronics Co.,Ltd.

PART NO.:C3000RD***14T0102*A

REV.:A3 DRAWING NO.:3000WRD102-A-S

RoHS
COMPLIANT



SPECIFICATIONS

1. Current rating: 5A AC, DC
2. Voltage rating: 250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ Min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 10mΩ Max.

Material:

Insulator: LCP UL 94V-0
Contact: Brass
Plating: Tin plated over nickel
Circuits: 2~12
Mate with KR3000 series single row housing

Ordering Code:

A C3000RD *** 14 T0103 R A

No.of Circuits
102:2P,103:3P.....

Insulator Material
14:LCP Black

PIN NO.	DIMENSIONS	
	A	B
2P	3.00	9.65
3P	6.00	12.65
4P	9.00	15.65
5P	12.00	18.65
6P	15.00	21.65
7P	18.00	24.65
8P	21.00	27.65
9P	24.00	30.65
10P	27.00	33.65
11P	30.00	36.65
12P	33.00	39.65



MARK

Uniformly arrange the drawings
Change the part number and
frame format

Arvin
Ru yi
SIGNATURE

2021.09.18
2020.3.10
DATE

TOLERANCE
X.X ±0.30
X.XX ±0.20
X.XXX ±0.10
Angle ±2°

TITLE:
MX3.0 DIP 90° Wafer
With Short Clips
Single Row

UNIT:mm SCALE:N/A

DRAWN: ru yi 2020.03.10

CHECKED:

APPROVED:

SHEET:1/1

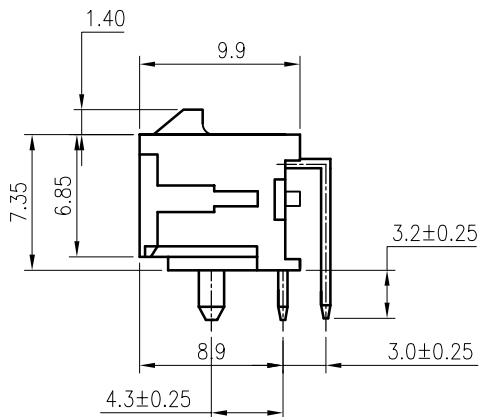
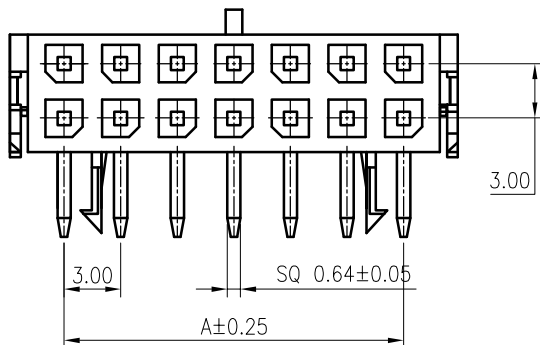
PROJECTION

KONNRA 东莞市康瑞电子有限公司
DongGuan Konnra Electronics Co.,Ltd.

PART NO.:C3000RD***14T0103*A

REV.:A3 DRAWING NO.:3000WRD103-A-S

RoHS
COMPLIANT



SPECIFICATIONS

1. Current rating: 5A AC, DC
2. Voltage rating: 250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ Min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 10mΩ Max.

Material:

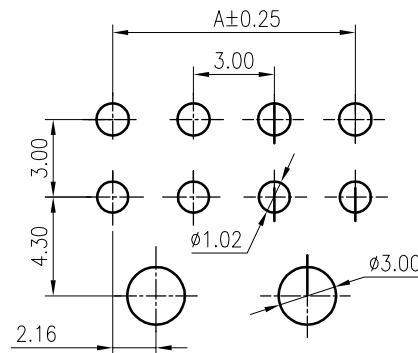
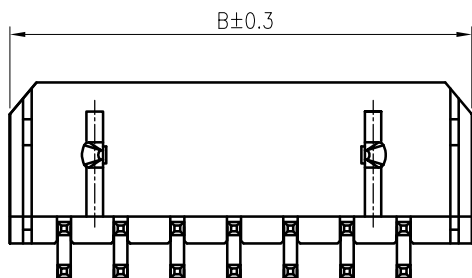
Insulator: PA46 UL 94V-0
Contact: Brass
Plating: Tin plated or gold flash over nickel
Circuits: 2*1~2*12
Mate with KR3000 series dual row housing

Ordering Code:

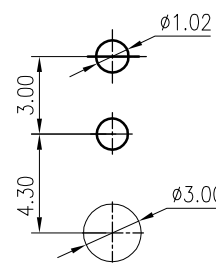
A C3000RD *** ** T01 01 R A

No. of Circuits
202:2x1P,
202:2x2P.....
Insulator Material
08:PA46 Black

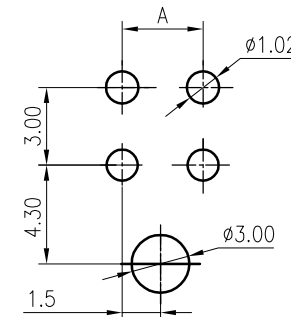
Packing
R: Reel Tape
P: Bag
B: Box
T01: Tin plated
G01: Gold flash



2*4P~2*12P P.C.B Layout



2*1P P.C.B Layout



2*2P~2*3P P.C.B Layout

PIN NO.	DIMENSIONS	
	A	B
2*1P	--	6.65
2*2P	3.00	9.65
2*3P	6.00	12.65
2*4P	9.00	15.65
2*5P	12.00	18.65
2*6P	15.00	21.65
2*7P	18.00	24.65
2*8P	21.00	27.65
2*9P	24.00	30.65
2*10P	27.00	33.65
2*11P	30.00	36.65
2*12P	33.00	39.65



MARK

Uniformly arrange the drawings
Change the part number and
frame format

Arvin
Ru yi
SIGNATURE

2021.09.24
2020.3.10
DATE

TOLERANCE
X.X ±0.30
X.XX ±0.20
X.XXX ±0.10
Angle ±2°

TITLE:
MX3.0 DIP 90° Wafer
Dual Row

UNIT:mm

SCALE:N/A

DRAWN: ru yi 2020.03.10

CHECKED:

APPROVED:

SHEET:1/1

PROJECTION

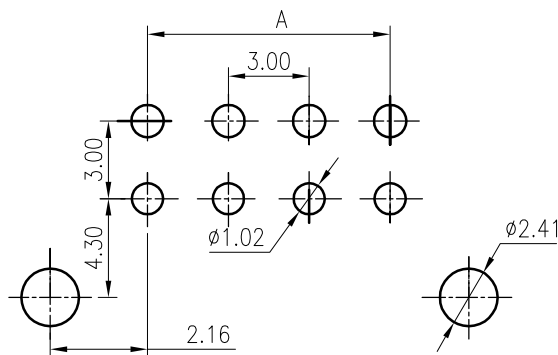
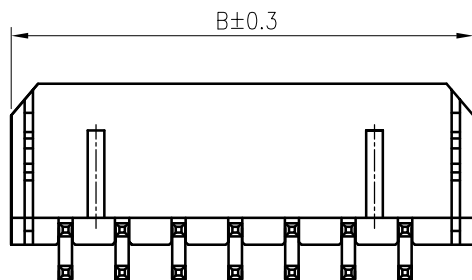
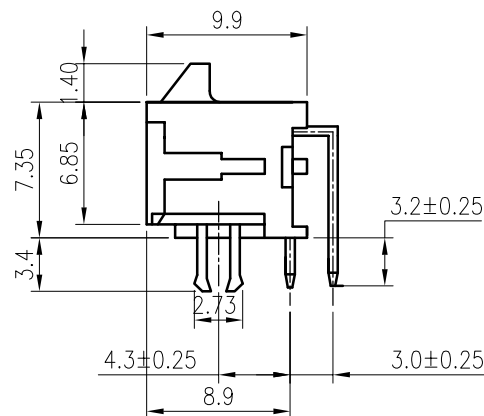
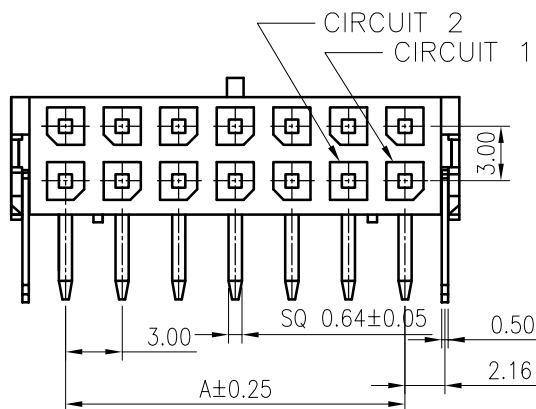
KONNRA 东莞市康瑞电子有限公司
DongGuan Konnra Electronics Co.,Ltd.

PART NO.:C3000RD2**08***01*A

REV.:A3

DRAWING NO.:3000WRD201-A-S

RoHS
COMPLIANT



Recommended P.C.B. Layout
Total tolerance:±0.05mm

SPECIFICATIONS

1. Current rating: 5A AC, DC
2. Voltage rating: 250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ Min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 10mΩ Max.

Material:

Insulator: LCP UL 94V-0

Contact: Brass/Tin plated over nickel

Clips: Brass/Matte-tin plated over nickel

Circuits: 2*1~2*12

Mate with KR3000 series dual row housing

Ordering Code:

AA C3000RD *** ** T0102 R A

No.of Circuits

202:2x1P,

202:2x2P.....

Insulator Material

14:LCP Black

Packing

R: Reel Tape

P: Bag

PIN NO.	DIMENSIONS	
	A	B
2*1P	--	6.65
2*2P	3.00	9.65
2*3P	6.00	12.65
2*4P	9.00	15.65
2*5P	12.00	18.65
2*6P	15.00	21.65
2*7P	18.00	24.65
2*8P	21.00	27.65
2*9P	24.00	30.65
2*10P	27.00	33.65
2*11P	30.00	36.65
2*12P	33.00	39.65



MARK

Uniformly arrange the drawings

Change the part number and
frame format

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TOLERANCE

X.X ±0.30

X.XX ±0.20

X.XXX ±0.10

Angle ±2°

TITLE:

MX3.0 DIP 90° Wafer

With Clips Dual Row

UNIT:mm

SCALE:N/A

DRAWN: ru yi 2020.03.10

CHECKED:

APPROVED:

SHEET:1/1

PROJECTION

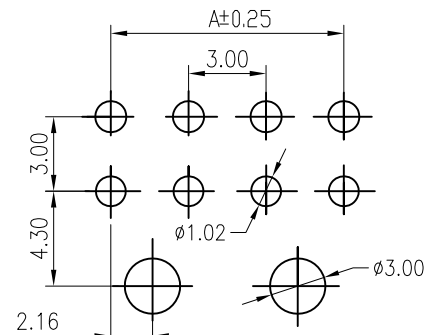
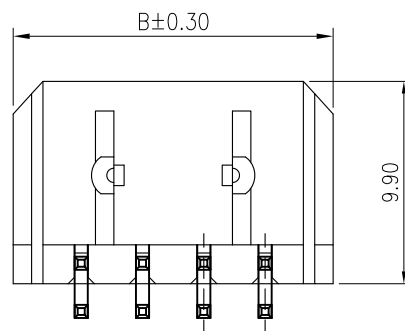
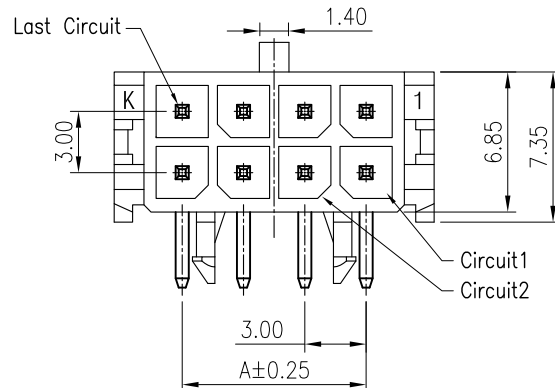
KONNRA 东莞市康瑞电子有限公司

DongGuan Konnra Electronics Co.,Ltd.

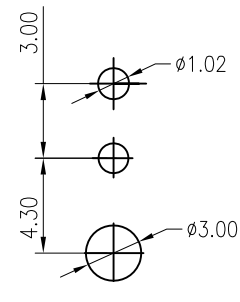
PART NO.:C3000RD2**14T0102*A

REV.:A3

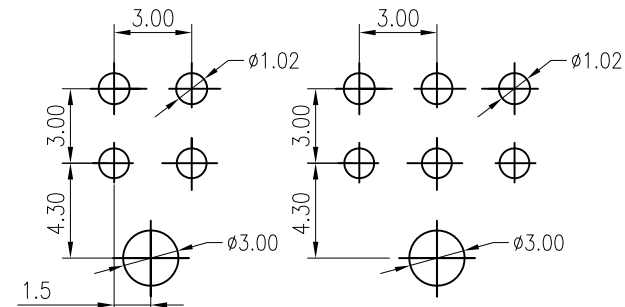
DRAWING NO.:3000WRD202-A-S



2*4P~2*12P P.C.B LAYOUT



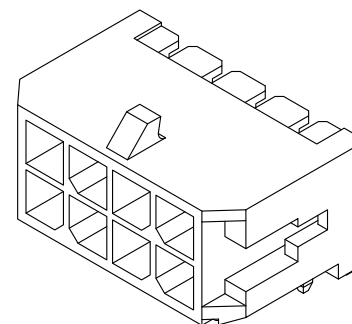
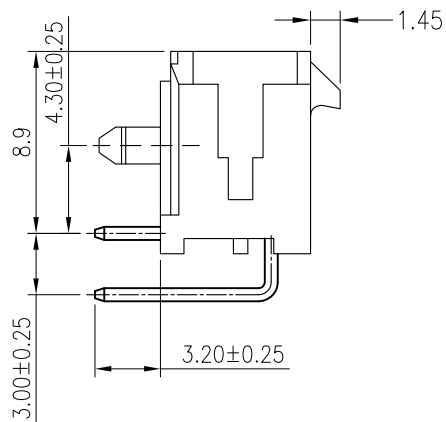
2*1P P.C.B LAYOUT



2*2P P.C.B LAYOUT

2*3P P.C.B LAYOUT

Ordering code:
C3000RD *** 08 T01 01 P B
201: 2X1P
212: 2X12P
08:PA46 Black
12:PA9T Black
T01: Tin plated
G01: Gold flash
P: Bag
B: Box



SPECIFICATIONS

- 1.Current rating: 5A AC, DC
- 2.Voltage rating: 250V AC,DC
- 3.Temperature range: -40°C ~ +105°C
- 4.Insulation resistance: 1000MΩ Min.
- 5.Withstanding voltage: 1500V AC/ minute.
- 6.Contact resistance: 10mΩ Max.

Material:

Insulator: PA46 UL 94V-0

Contact: Brass

Plating: Tin plated or gold flash over nickel

Circuits: 2*1~2*12

Mate with KR3000 series dual row housing

PIN NO.	DIMENSIONS	
	A	B
2*1P	--	6.65
2*2P	3.00	9.65
2*3P	6.00	12.65
2*4P	9.00	15.65
2*5P	12.00	18.65
2*6P	15.00	21.65
2*7P	18.00	24.65
2*8P	21.00	27.65
2*9P	24.00	30.65
2*10P	27.00	33.65
2*11P	30.00	36.65
2*12P	33.00	39.65



MARK

REVISION DESCRIPTION

SIGNATURE

DATE

TOLERANCE

X.X ±0.30

X.XX ±0.20

X.XXX ±0.10

Angle ±2°

TITLE:

MX3.0 DIP 90° Wafer

B Type double row

UNIT:mm

SCALE:N/A

DRAWN:

ru qi 2020.03.10

CHECKED:

APPROVED:

SHEET:1/1

PROJECTION

KONNRA 东莞市康瑞电子有限公司

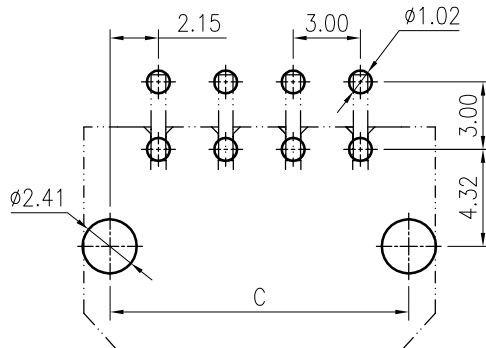
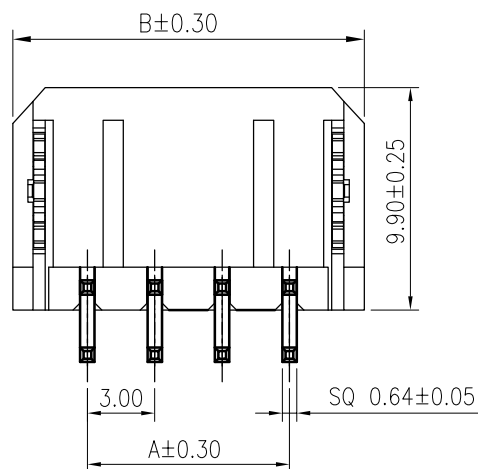
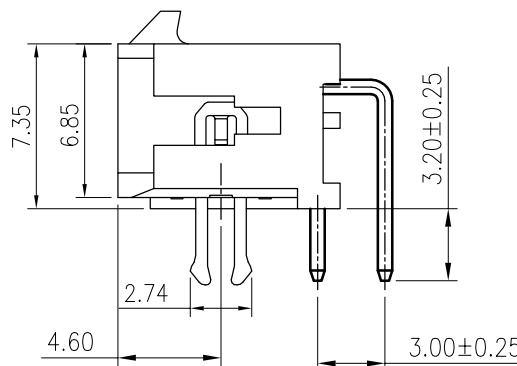
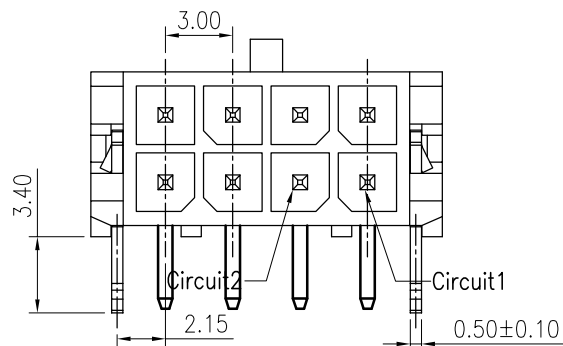
DongGuan Konnra Electronics Co.,Ltd.

PART NO.:C3000RD2****T0101*B

REV.:A2

DRAWING NO.:3000WRD201-B-S

RoHS
COMPLIANT



Recommended P.C.B. Layout
Total tolerance:±0.05mm

SPECIFICATIONS

1. Current rating: 5A AC, DC
2. Voltage rating: 250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ Min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 10m Ω Max.

Material:

Insulator: LCP UL 94V-0

Contact: Brass/Tin plated over nickel

Clips: Brass/Matte-tin plated over nickel

Circuits: 2*1~2*12

Mate with KR3000 series dual row housing

Ordering Code:

A2 C3000RD 2** 14T0102 * B

No.of Circuits

201:2x1P,

2x2:2x2P.....

Insulator Material

14:LCP Black

Packing

R: Reel Tape

P: Bag

B: Box

Circuits	DIMENSIONS		
	A	B	C
2*1	--	6.65	4.30
2*2	3.00	9.65	7.30
2*3	6.00	12.65	10.30
2*4	9.00	15.65	13.30
2*5	12.00	18.65	16.30
2*6	15.00	21.65	19.30
2*7	18.00	24.65	22.30
2*8	21.00	27.65	25.30
2*9	24.00	30.65	28.30
2*10	27.00	33.65	31.30
2*11	30.00	36.65	34.30
2*12	33.00	39.65	37.30



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TOLERANCE

X.X ±0.30

X.XX ±0.20

X.XXX ±0.10

Angle ±2°

TITLE:

MX3.0 DIP 90°

Wafer With Clips B

Type Dual Row

UNIT:mm

SCALE:N/A

DRAWN: Arvin 2019.01.15

CHECKED:

APPROVED:

SHEET:1/1

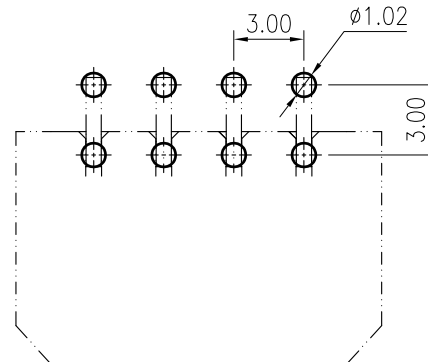
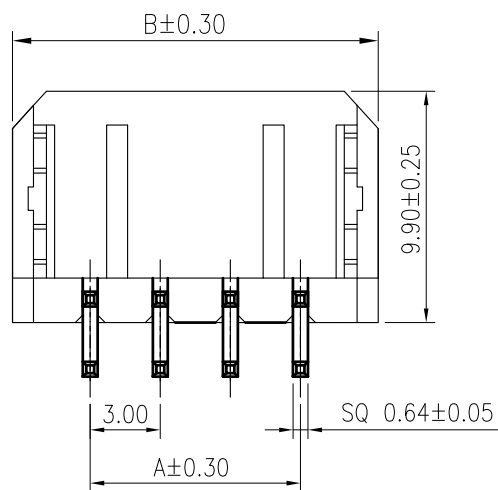
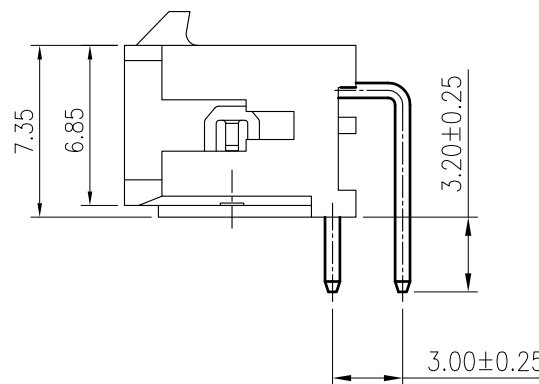
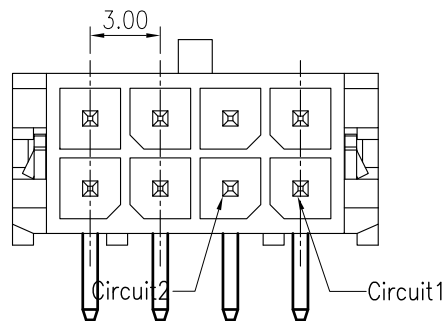
PROJECTION

KONNRA 东莞市康瑞电子有限公司

DongGuan Konnra Electronics Co.,Ltd.

PART NO.:C3000RD2**14T0102*B

REV.:A3 DRAWING NO.:3000WRD202-B-S



Recommended P.C.B. Layout
Total tolerance: ±0.05mm

SPECIFICATIONS

1. Current rating: 5A AC, DC
2. Voltage rating: 250V AC, DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ Min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 10mΩ Max.

Material:

Insulator: LCP UL 94V-0
Contact: Brass/Tin plated over nickel
Circuits: 2*1~2*12
Mate with KR3000 series dual row housing

Ordering Code:

A2 C3000RD 2** 14T0104 * B

No. of Circuits: 201:2x1P,
2x2:2x2P.....
Insulator Material: 14:LCP Black

Packing:
R: Reel Tape
P: Bag
B: Box

PIN NO.	DIMENSIONS		PIN NO.	DIMENSIONS	
	A	B		A	B
2*1P	--	6.65	2*7P	18.00	24.65
2*2P	3.00	9.65	2*8P	21.00	27.65
2*3P	6.00	12.65	2*9P	24.00	30.65
2*4P	9.00	15.65	2*10P	27.00	33.65
2*5P	12.00	18.65	2*11P	30.00	36.65
2*6P	15.00	21.65	2*12P	33.00	39.65



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TOLERANCE	TITLE:	DRAWN:
X.X ±0.30	MX3.0 DIP 90° Wafer	Arvin 2019.01.15
X.XX ±0.20	Without Pillar B	CHECKED:
X.XXX ±0.10	Type Dual Row	APPROVED:
Angle ±2°	UNIT:mm	SHEET:1/1
	SCALE:N/A	PROJECTION

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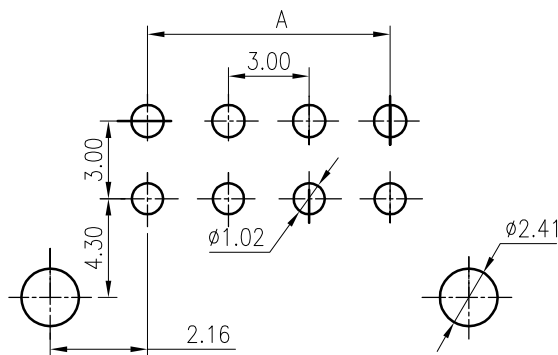
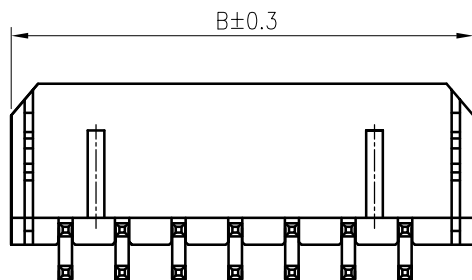
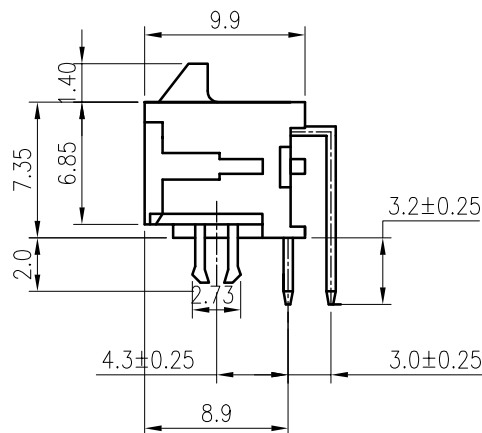
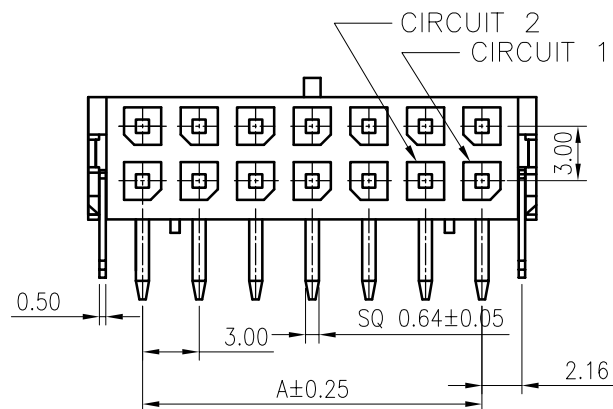
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KONNRA®东莞市康瑞电子有限公司	
DongGuan Konnra Electronics Co.,Ltd.	
PART NO.:C3000RD2**14T0104*B	
REV.:A3	DRAWING NO.:3000WRD204-B-S

RoHS
COMPLIANT



Recommended P.C.B. Layout
Total tolerance:±0.05mm

SPECIFICATIONS

1. Current rating: 5A AC, DC
2. Voltage rating: 250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ Min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 10mΩ Max.

Material:

Insulator: LCP UL 94V-0

Contact: Brass/Tin plated over nickel

Clips: Brass/Matte-tin plated over nickel

Circuits: 2*1~2*12

Mate with KR3000 series dual row housing

Ordering Code:

AA C3000RD *** ** T0103 R A

No.of Circuits

202:2x1P,

202:2x2P.....

Insulator Material

14:LCP Black

Packing

R: Reel Tape

P: Bag

PIN NO.	DIMENSIONS	
	A	B
2*1P	--	6.65
2*2P	3.00	9.65
2*3P	6.00	12.65
2*4P	9.00	15.65
2*5P	12.00	18.65
2*6P	15.00	21.65
2*7P	18.00	24.65
2*8P	21.00	27.65
2*9P	24.00	30.65
2*10P	27.00	33.65
2*11P	30.00	36.65
2*12P	33.00	39.65



MARK

Uniformly arrange the drawings

Change the part number and
frame format

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TOLERANCE

X.X ±0.30

X.XX ±0.20

X.XXX ±0.10

Angle ±2°

TITLE:

MX3.0 DIP 90° Wafer

With Short Clips

Dual Row

UNIT:mm

SCALE:N/A

DRAWN: ru yi 2020.03.10

CHECKED:

APPROVED:

SHEET:1/1

PROJECTION

KONNRA 东莞市康瑞电子有限公司

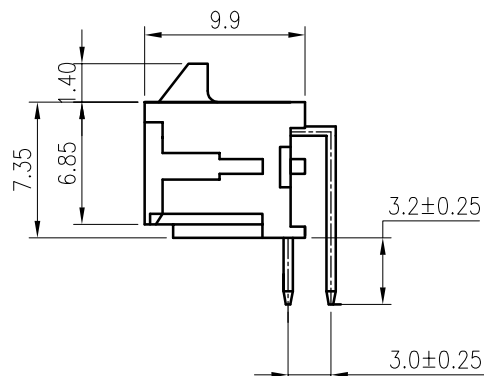
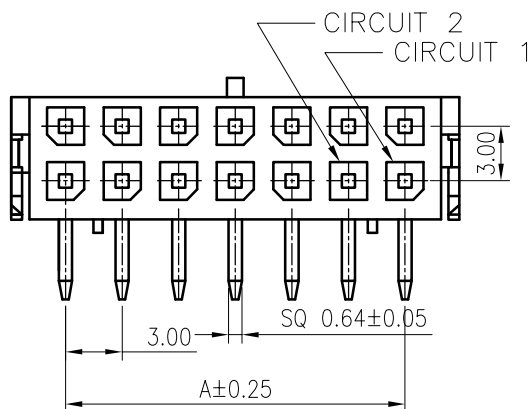
DongGuan Konnra Electronics Co.,Ltd.

PART NO.:C3000RD2**14T0103*A

REV.:A3

DRAWING NO.:3000WRD203-A-S

RoHS
COMPLIANT



SPECIFICATIONS

1. Current rating: 5A AC, DC
2. Voltage rating: 250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ Min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 10mΩ Max.

Material:

Insulator: LCP UL 94V-0

Contact: Brass/Tin plated over nickel

Circuits: 2*1~2*12

Mate with KR3000 series dual row housing

Ordering Code:

AA C3000RD *** ** T0104 R A

No.of Circuits

202:2x1P,

202:2x2P.....

Insulator Material

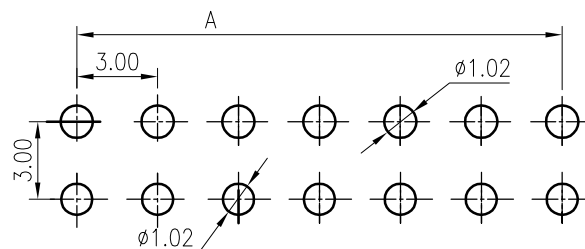
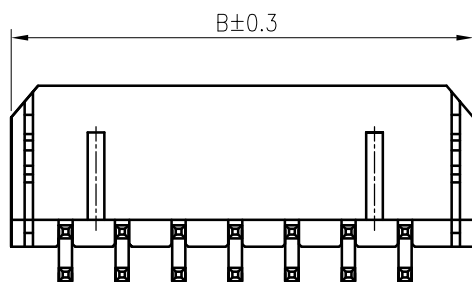
14:LCP Black

Packing

R: Reel Tape

P: Bag

B: Box



Recommended P.C.B. Layout

Total tolerance:±0.05mm

PIN NO.	DIMENSIONS	
	A	B
2*1P	--	6.65
2*2P	3.00	9.65
2*3P	6.00	12.65
2*4P	9.00	15.65
2*5P	12.00	18.65
2*6P	15.00	21.65
2*7P	18.00	24.65
2*8P	21.00	27.65
2*9P	24.00	30.65
2*10P	27.00	33.65
2*11P	30.00	36.65
2*12P	33.00	39.65



MARK

Uniformly arrange the drawings

Change the part number and
frame format

1

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TOLERANCE

X.X ±0.30

X.XX ±0.20

X.XXX ±0.10

Angle ±2°

TITLE:

MX3.0 DIP 90° Wafer

Without Pillar

Dual Row

UNIT:mm

SCALE:N/A

DRAWN: ru yi 2020.03.10

CHECKED:

APPROVED:

SHEET:1/1

PROJECTION

KONNRA 东莞市康瑞电子有限公司

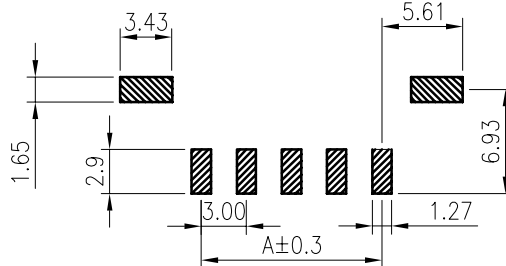
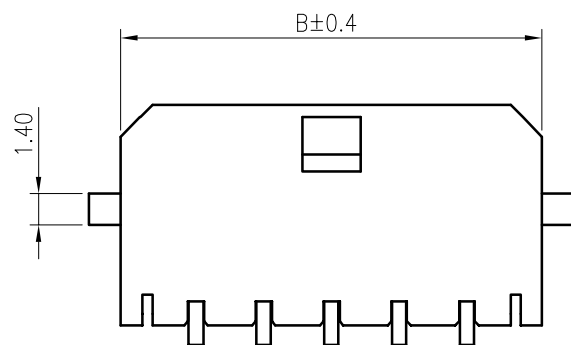
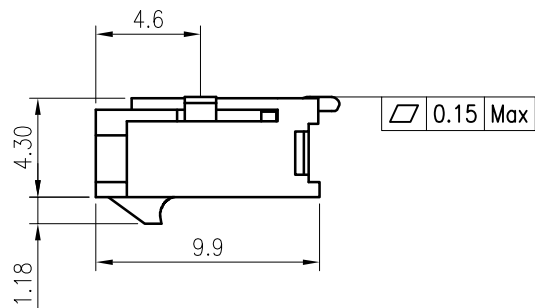
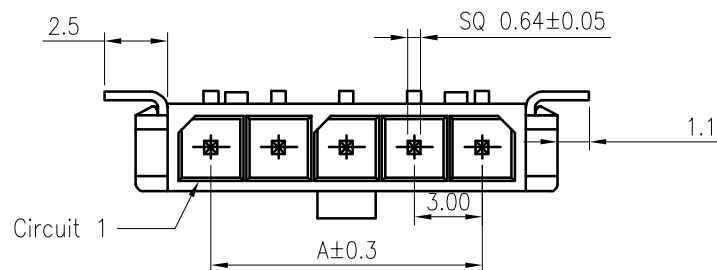
DongGuan Konnra Electronics Co.,Ltd.

PART NO.:C3000RD2**14T0104*A

REV.:A3

DRAWING NO.:3000WRD204-A-S

RoHS
COMPLIANT



Recommended P.C.B. Layout
Total tolerance:±0.05mm

SPECIFICATIONS

1. Current rating: 5A AC, DC
2. Voltage rating: 250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ Min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 10mΩ Max.

Material:

Insulator: LCP UL 94V-0
Contact: Brass
Plating: Tin plated over nickel
Circuits: 2~12
Mate with KR3000 series single row housing

Ordering Code:

A4 C3000RS *** 14M0101 R A

No.of Circuits
102:2P,103:3P.....
Insulator Material
14:LCP Black

Packing
R: Reel Tape
P: Bag

PIN NO.	DIMENSIONS	
	A	B
2P	3.00	9.65
3P	6.00	12.65
4P	9.00	15.65
5P	12.00	18.65
6P	15.00	21.65
7P	18.00	24.65
8P	21.00	27.65
9P	24.00	30.65
10P	27.00	33.65
11P	30.00	36.65
12P	33.00	39.65



MARK

Uniformly arrange the drawings
Change the part number and
frame format

Arvin
Ru yi

2021.09.22
2020.3.10

TOLERANCE
X.X ±0.30
X.XX ±0.20
X.XXX ±0.10
Angle ±2°

TITLE:
MX3.0 SMT 90° Wafer
With Solder Tab
Single Row

UNIT:mm

SCALE:N/A

DRAWN: ru yi 2020.03.10

CHECKED:

APPROVED:

SHEET:1/1

PROJECTION

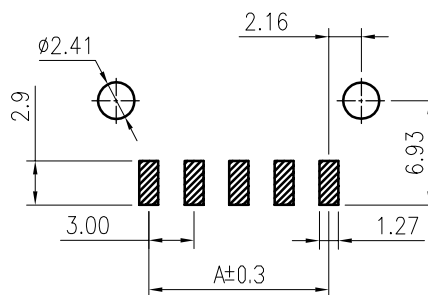
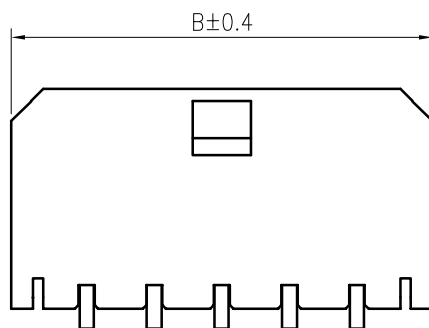
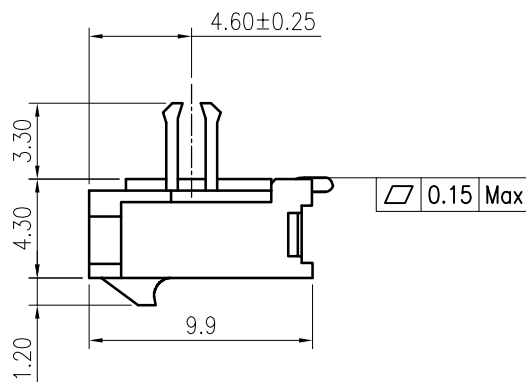
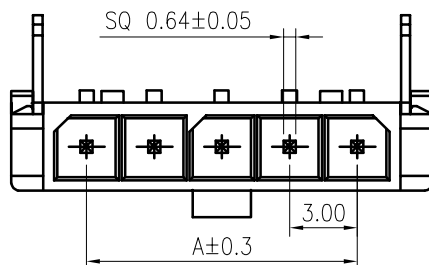
KONNRA 东莞市康瑞电子有限公司
DongGuan Konnra Electronics Co.,Ltd.

PART NO.:C3000RS***14M0101RA

REV.:A3

DRAWING NO.:3000WRS101-A-S

RoHS
COMPLIANT



Recommended P.C.B. Layout
Total tolerance:±0.05mm

SPECIFICATIONS

1. Current rating: 5A AC, DC
2. Voltage rating: 250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ Min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 10mΩ Max.

Material:

Insulator: LCP UL 94V-0
Contact: Brass
Plating: Tin plated over nickel
Circuits: 2~12
Suitable: KR3000 series single row Housing

Ordering Code:

A4 C3000RS *** ** M0102 R A

No.of Circuits
102:2P,103:3P.....

Insulator Material
14:LCP Black

Packing
R: Reel Tape
P: Bag

PIN NO.	DIMENSIONS	
	A	B
2P	3.00	9.65
3P	6.00	12.65
4P	9.00	15.65
5P	12.00	18.65
6P	15.00	21.65
7P	18.00	24.65
8P	21.00	27.65
9P	24.00	30.65
10P	27.00	33.65
11P	30.00	36.65
12P	33.00	39.65



MARK

Uniformly arrange the drawings

Change the part number and
frame format

1

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TOLERANCE

X.X ±0.30

X.XX ±0.20

X.XXX ±0.10

Angle ±2°

TITLE:

MX3.0 SMT 90° Wafer
With Clips Single
Row

UNIT:mm

SCALE:N/A

DRAWN: ru yi 2020.03.10

CHECKED:

APPROVED:

SHEET:1/1

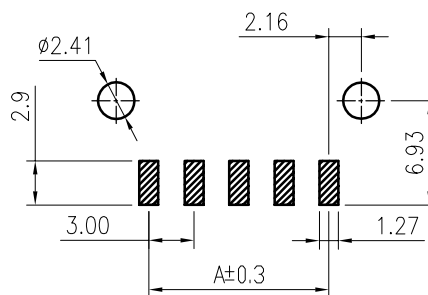
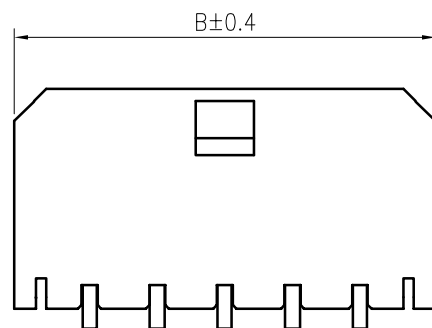
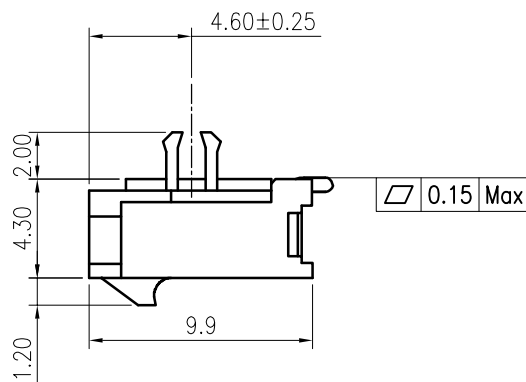
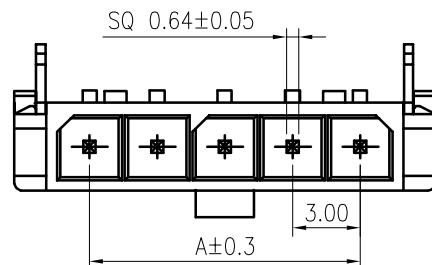
PROJECTION

KONNRA 东莞市康瑞电子有限公司
DongGuan Konnra Electronics Co.,Ltd.

PART NO.:C3000RS***14M0102*A

REV.:A3 DRAWING NO.:3000WRS102-A-S

RoHS
COMPLIANT



Recommended P.C.B. Layout
Total tolerance:±0.05mm

SPECIFICATIONS

1. Current rating: 5A AC, DC
2. Voltage rating: 250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ Min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 10mΩ Max.

Material:

Insulator: LCP UL 94V-0
Contact: Brass
Plating: Tin plated over nickel
Circuits: 2~12
Suitable: KR3000 series single row Housing

Ordering Code:

AZ C3000RS *** ** M0103 R A

No.of Circuits
102:2P,103:3P.....

Insulator Material
14:LCP Black

PIN NO.	DIMENSIONS	
	A	B
2P	3.00	9.65
3P	6.00	12.65
4P	9.00	15.65
5P	12.00	18.65
6P	15.00	21.65
7P	18.00	24.65
8P	21.00	27.65
9P	24.00	30.65
10P	27.00	33.65
11P	30.00	36.65
12P	33.00	39.65



MARK

Uniformly arrange the drawings

Change the part number and
frame format

1

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TOLERANCE

X.X ±0.30

X.XX ±0.20

X.XXX ±0.10

Angle ±2°

TITLE:

MX3.0 SMT 90° Wafer
With Short Clips
Single Row

UNIT:mm

SCALE:N/A

DRAWN: ru yi 2020.03.10

CHECKED:

APPROVED:

SHEET:1/1

PROJECTION

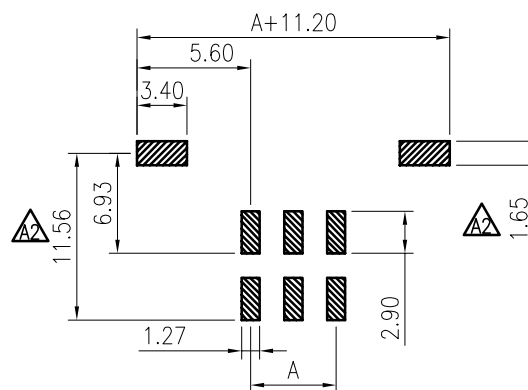
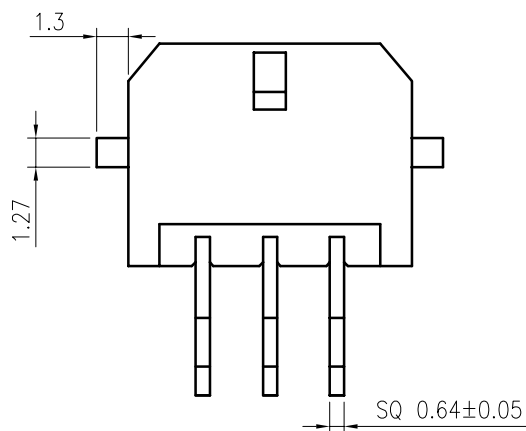
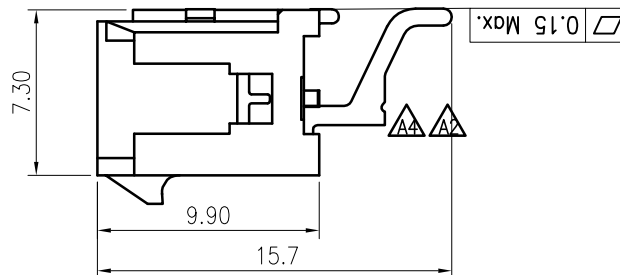
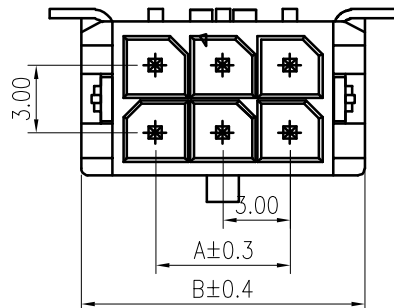
KONNRA 东莞市康瑞电子有限公司
DongGuan Konnra Electronics Co.,Ltd.

PART NO.:C3000RS***14M0103*A

REV.:A3

DRAWING NO.:3000WRS103-A-S

RoHS
COMPLIANT



Recommended P.C.B. Layout
Total tolerance:±0.05mm

SPECIFICATIONS

1. Current rating: 5A AC, DC
2. Voltage rating: 250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ Min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 10mΩ Max.

Material:

Insulator: LCP UL 94V-0

Contact: Brass/Matte-tin plated over nickel

Solder tab: Brass/Matte-tin plated over nickel

Circuits: 2*1~2*12

Mate with KR3000 series dual row housing

Ordering Code:

A3 C3000RS *** 14 M0101 R A

No.of Circuits

201:2x1P,

2x2:2x2P.....

Insulator Material

14:LCP Black

Packing

R: Reel Tape

P: Bag

PIN NO.	DIMENSIONS		PIN NO.	DIMENSIONS	
	A	B		A	B
2*1P	--	6.65	2*7P	18.00	24.65
2*2P	3.00	9.65	2*8P	21.00	27.65
2*3P	6.00	12.65	2*9P	24.00	30.65
2*4P	9.00	15.65	2*10P	27.00	33.65
2*5P	12.00	18.65	2*11P	30.00	36.65
2*6P	15.00	21.65	2*12P	33.00	39.65

A6

A5

A4

MARK

Uniformly arrange the drawings

Correct view

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TOLERANCE

X.X ±0.30

X.XX ±0.20

X.XXX ±0.10

Angle ±2°

TITLE:

MX3.0 SMT 90° Wafer

With Solder Tab

Dual Row

UNIT:mm

SCALE:N/A

DRAWN: ru yi 2020.03.10

CHECKED:

APPROVED:

SHEET:1/1

PROJECTION

KONNRA 东莞市康瑞电子有限公司

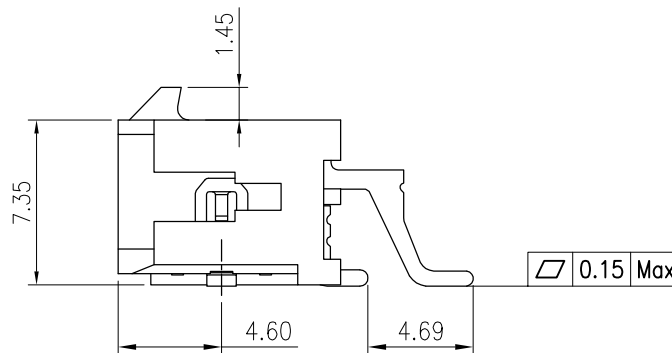
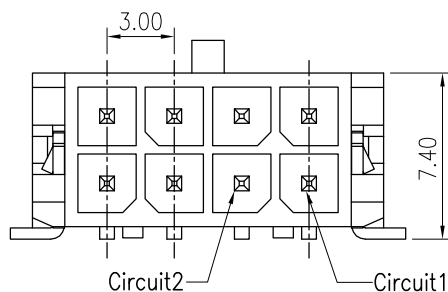
DongGuan Konnra Electronics Co.,Ltd.

PART NO.:C3000RS2**14M0101RA

REV.:A5

DRAWING NO.:3000WRS201-A-S

RoHS
COMPLIANT



SPECIFICATIONS

1. Current rating: 5A AC, DC
2. Voltage rating: 250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ Min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 10mΩ Max.

Material:

Insulator: LCP UL 94V-0

Contact: Brass/Matte-tin plated over nickel

Solder tab: Brass/Matte-tin plated over nickel

Circuits: 2*1~2*12

Mate with KR3000 series dual row housing

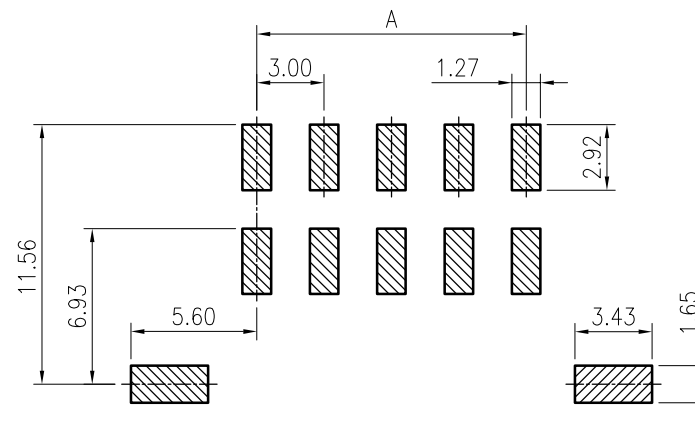
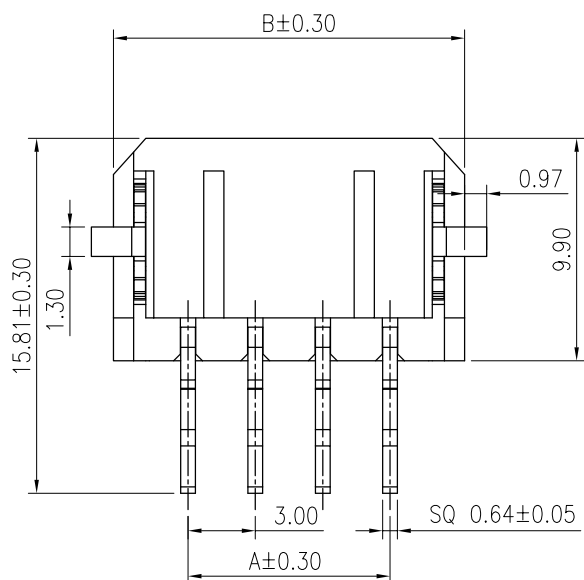
Ordering Code:

A3 C3000RS *** 14 M0101 R B

No. of Circuits
201:2x1P,
2x2:2x2P.....

Insulator Material
14:LCP Black

Packing
R: Reel Tape
P: Bag

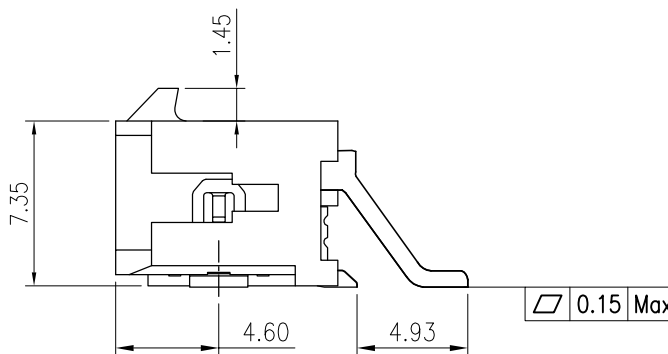
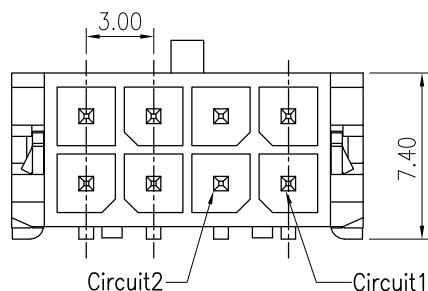


Recommended P.C.B. Layout
Total tolerance:±0.05mm

PIN NO.	DIMENSIONS		PIN NO.	DIMENSIONS	
	A	B		A	B
2*1P	--	6.65	2*7P	18.00	24.65
2*2P	3.00	9.65	2*8P	21.00	27.65
2*3P	6.00	12.65	2*9P	24.00	30.65
2*4P	9.00	15.65	2*10P	27.00	33.65
2*5P	12.00	18.65	2*11P	30.00	36.65
2*6P	15.00	21.65	2*12P	33.00	39.65

				TOLERANCE X.X ±0.30 X.XX ±0.20 X.XXX ±0.10 Angle ±2°	TITLE: MX3.0 SMT 90° Wafer With Solder Tab B Type Dual Row	DRAWN: TLX 2020.03.09		KONNRA 东莞市康瑞电子有限公司 DongGuan Konnra Electronics Co.,Ltd	
	Uniformly arrange the drawings	Arvin	2021.09.26			CHECKED:			
	Change the part number and frame format	TLX	2020.03.09			APPROVED:		PART NO.:C3000RS2**14M0101RB	
MARK	REVISION DESCRIPTION	SIGNATURE	DATE			UNIT:mm	SCALE:N/A	SHEET:1/1	PROJECTION 

RoHS
COMPLIANT



SPECIFICATIONS

1. Current rating: 5A AC, DC
2. Voltage rating: 250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ Min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 10mΩ Max.

Material:

Insulator: LCP UL 94V-0

Contact: Brass/Matte-tin plated over nickel

Solder tab: Brass/Matte-tin plated over nickel

Circuits: 2*1~2*12

Mate with KR3000 series dual row housing

Ordering Code:

A3 C3000RS *** 14 M0101 R C

No.of Circuits

201:2x1P,

2x2:2x2P.....

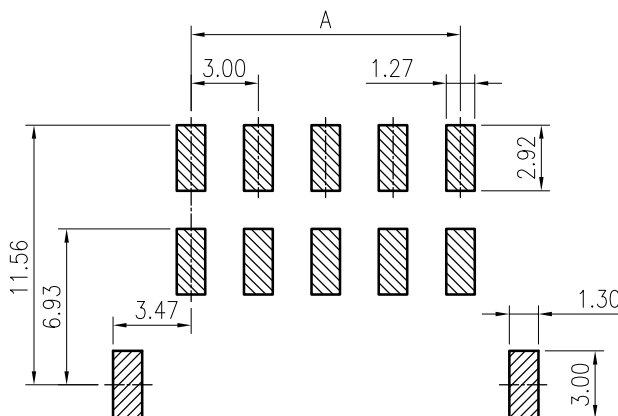
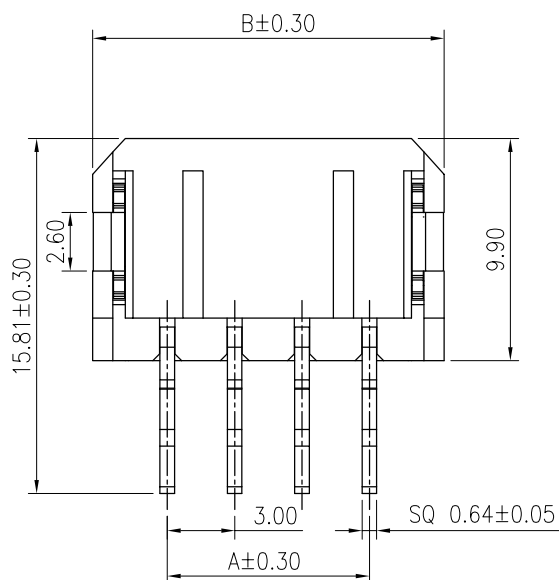
Insulator Material

14:LCP Black

Packing

R: Reel Tape

P: Bag



Recommended P.C.B. Layout

Total tolerance:±0.05mm

PIN NO.	DIMENSIONS		PIN NO.	DIMENSIONS	
	A	B		A	B
2*1P	--	6.65	2*7P	18.00	24.65
2*2P	3.00	9.65	2*8P	21.00	27.65
2*3P	6.00	12.65	2*9P	24.00	30.65
2*4P	9.00	15.65	2*10P	27.00	33.65
2*5P	12.00	18.65	2*11P	30.00	36.65
2*6P	15.00	21.65	2*12P	33.00	39.65



MARK

Uniformly arrange the drawings

Change the part number and
frame format

1

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Arvin

TLX

SIGNATURE

2021.09.26

2020.03.09

DATE

TOLERANCE

X.X ±0.30

X.XX ±0.20

X.XXX ±0.10

Angle ±2°

TITLE:

MX3.0 SMT 90° Wafer

With Solder Tab C

Type Dual Row

UNIT:mm

SCALE:N/A

DRAWN: TLX 2020.03.09

CHECKED:

APPROVED:

SHEET:1/1

PROJECTION

KONNRA 东莞市康瑞电子有限公司

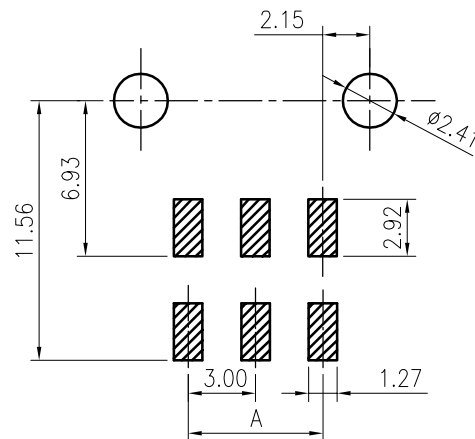
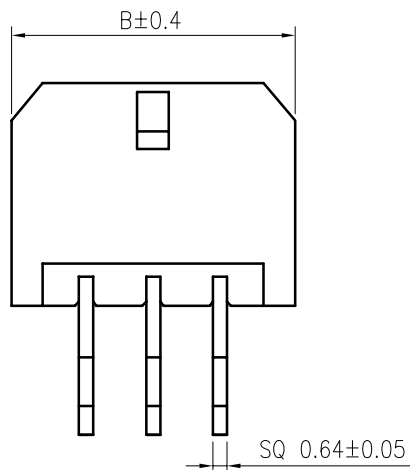
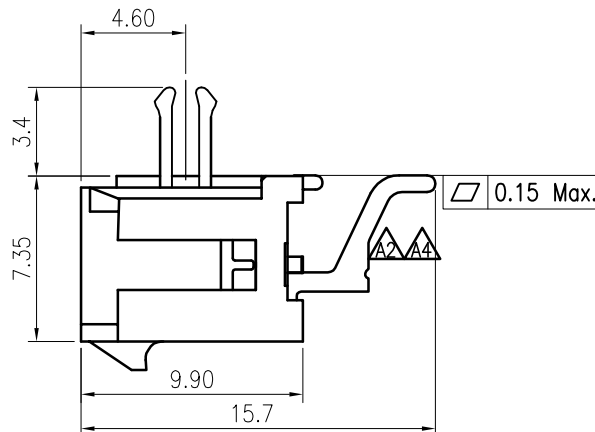
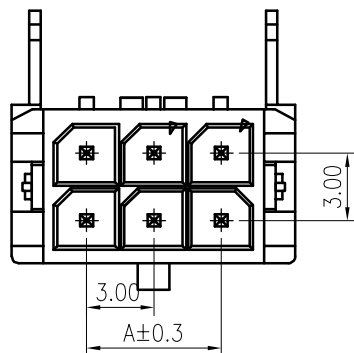
DongGuan Konnra Electronics Co.,Ltd.

PART NO.:C3000RS2**14M0101RC

REV.:A3

DRAWING NO.:3000WRS201-C-S

RoHS
COMPLIANT



Recommended P.C.B. Layout
Total tolerance:±0.05mm

SPECIFICATIONS

1. Current rating: 5A AC, DC
2. Voltage rating: 250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ Min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 10mΩ Max.

Material:

Insulator: LCP UL 94V-0
Contact: Brass/Matte-tin plated over nickel
Clips: Brass/Matte-tin plated over nickel
Circuits: 2*1~2*12
Mate with KR3000 series dual row housing

Ordering Code:

A6 C3000RS *** 14 M0102 R A
No.of Circuits ——— Packing
201:2x1P, R: Reel Tape
2x2:2x2P..... P: Bag
Insulator Material ———
14:LCP Black

PIN NO.	DIMENSIONS		PIN NO.	DIMENSIONS	
	A	B		A	B
2*1P	--	6.65	2*7P	18.00	24.65
2*2P	3.00	9.65	2*8P	21.00	27.65
2*3P	6.00	12.65	2*9P	24.00	30.65
2*4P	9.00	15.65	2*10P	27.00	33.65
2*5P	12.00	18.65	2*11P	30.00	36.65
2*6P	15.00	21.65	2*12P	33.00	39.65

A6

A5

A4

MARK

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Uniformly arrange the drawings

Arvin

2021.09.26

TOLERANCE

X.X ±0.30

X.XX ±0.20

X.XXX ±0.10

Angle ±2°

TITLE:

MX3.0 SMT 90°
Wafer With Clips
Dual Row

UNIT:mm

SCALE:N/A

DRAWN: ru yi 2020.03.10

CHECKED:

APPROVED:

SHEET:1/1

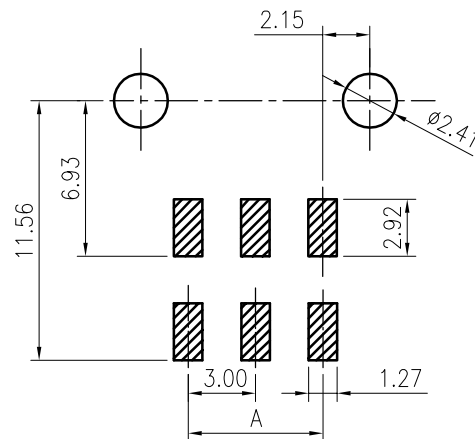
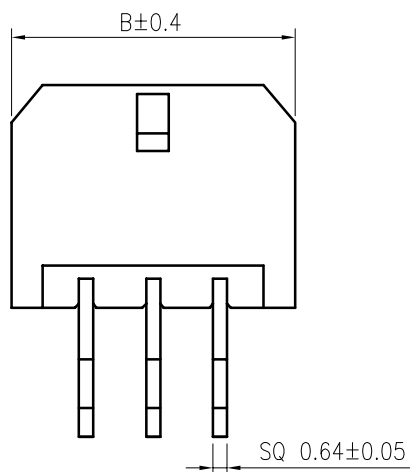
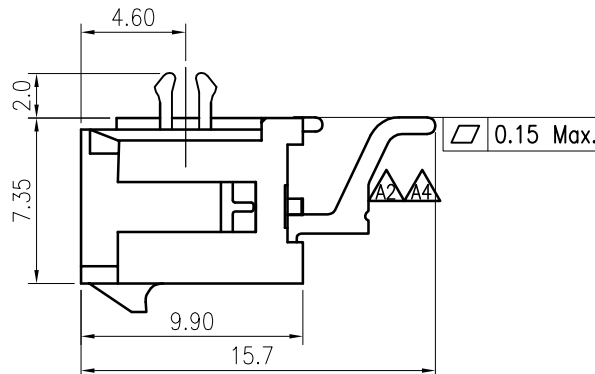
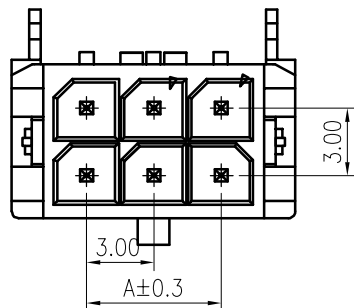
PROJECTION

KONNRA 东莞市康瑞电子有限公司
DongGuan Konnra Electronics Co.,Ltd.

PART NO.:C3000RS2**14M0102RA

REV.:A5 DRAWING NO.:3000WRS202-A-S

RoHS
COMPLIANT



Recommended P.C.B. Layout
Total tolerance:±0.05mm

SPECIFICATIONS

1. Current rating: 5A AC, DC
2. Voltage rating: 250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ Min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 10mΩ Max.

Material:

Insulator: LCP UL 94V-0

Contact: Brass/Matte-tin plated over nickel

Clips: Brass/Matte-tin plated over nickel

Circuits: 2*1~2*12

Mate with KR3000 series dual row housing

Ordering Code:

C3000RS *** 14 M0103 R A

No.of Circuits

201:2x1P,

2x2:2x2P.....

Insulator Material

14:LCP Black

Packing

R: Reel Tape

P: Bag

PIN NO.	DIMENSIONS		PIN NO.	DIMENSIONS	
	A	B		A	B
2*1P	--	6.65	2*7P	18.00	24.65
2*2P	3.00	9.65	2*8P	21.00	27.65
2*3P	6.00	12.65	2*9P	24.00	30.65
2*4P	9.00	15.65	2*10P	27.00	33.65
2*5P	12.00	18.65	2*11P	30.00	36.65
2*6P	15.00	21.65	2*12P	33.00	39.65

A6

A5

A4

MARK

1

2

3

4

5

6

7

8

9

TOLERANCE

X.X ±0.30

X.XX ±0.20

X.XXX ±0.10

Angle ±2°

TITLE:

MX3.0 SMT 90°

Wafer With Short

Clips Dual Row

UNIT:mm

SCALE:N/A

DRAWN: ru yi 2020.03.10

CHECKED:

APPROVED:

SHEET:1/1

PROJECTION

KONNRA 东莞市康瑞电子有限公司

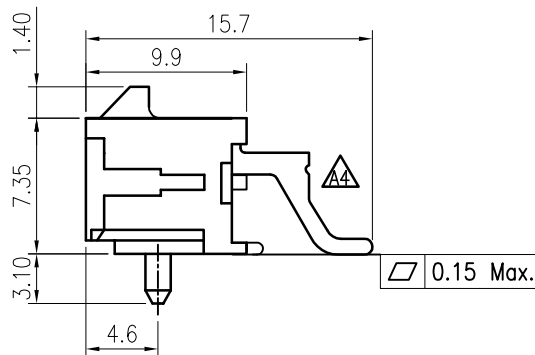
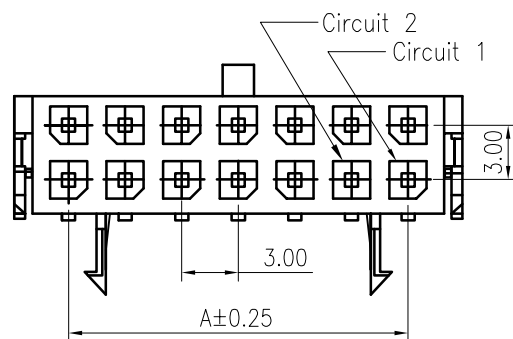
DongGuan Konnra Electronics Co.,Ltd.

PART NO.:C3000RS2**14M0103RA

REV.:A5

DRAWING NO.:3000WRS203-A-S

RoHS
COMPLIANT



SPECIFICATIONS

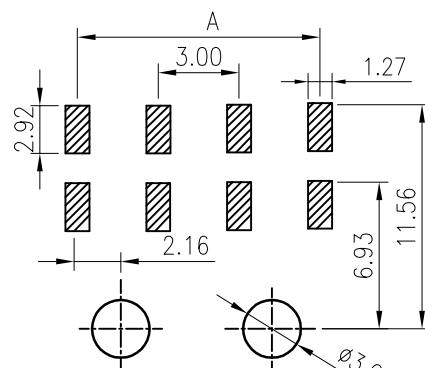
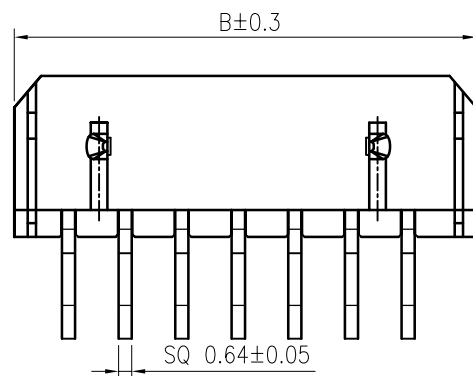
1. Current rating: 5A AC, DC
2. Voltage rating: 250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ Min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 10mΩ Max.

Material:

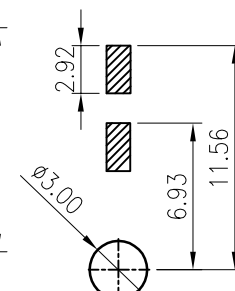
Insulator: PA46 UL 94V-0
Contact: Brass/Matte-tin plated over nickel
Circuits: 2*1~2*12
Mate with KR3000 series dual row housing

Ordering Code:

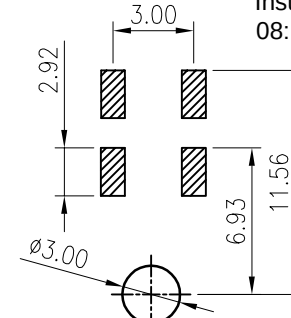
A C3000RS *** 14 M0104 R A
No. of Circuits: 2*1, 2*2, 2*3, 2*4, 2*5, 2*6, 2*7, 2*8, 2*9, 2*10, 2*11, 2*12
Insulator Material: 08:PA46 Black
Packing: R: Reel Tape, P: Bag



2*4P~2*12P P.C.B Layout
Total tolerance:±0.05mm



2*1P P.C.B Layout
Total tolerance:±0.05mm



2*2P~2*3P P.C.B Layout
Total tolerance:±0.05mm

PIN NO.	DIMENSIONS		PIN NO.	DIMENSIONS	
	A	B		A	B
2*1P	--	6.65	2*7P	18.00	24.65
2*2P	3.00	9.65	2*8P	21.00	27.65
2*3P	6.00	12.65	2*9P	24.00	30.65
2*4P	9.00	15.65	2*10P	27.00	33.65
2*5P	12.00	18.65	2*11P	30.00	36.65
2*6P	15.00	21.65	2*12P	33.00	39.65



MARK

1 2 3 4 5 6 7 8 9

TOLERANCE

X.X ±0.30
X.XX ±0.20
X.XXX ±0.10
Angle ±2°

TITLE:

MX3.0 SMT 90°
Wafer With Pillar
Dual Row

UNIT:mm

SCALE:N/A

DRAWN: ru yi 2020.03.10

CHECKED:

APPROVED:

SHEET:1/1

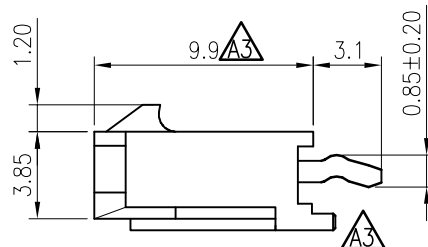
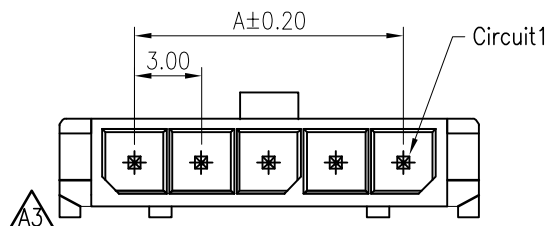
PROJECTION

KONNRA 东莞市康瑞电子有限公司
DongGuan Konnra Electronics Co.,Ltd.

PART NO.:C3000RS2**14M0104RA

REV.:A5 DRAWING NO.:3000WRS204-A-S

RoHS
COMPLIANT



SPECIFICATIONS

1. Current rating: 5A AC, DC
2. Voltage rating: 250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ Min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 10m Ω Max.

Material:

Insulator: PA9T UL 94V-0
Contact: Brass
Plating: Tin plated over nickel
Circuits: 2~12
Mate with KR3000 series single row housing

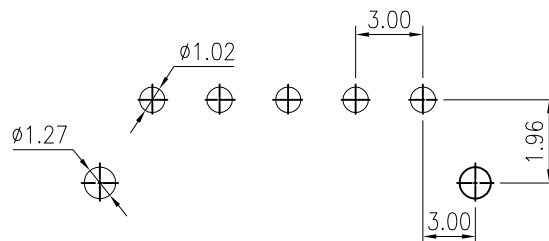
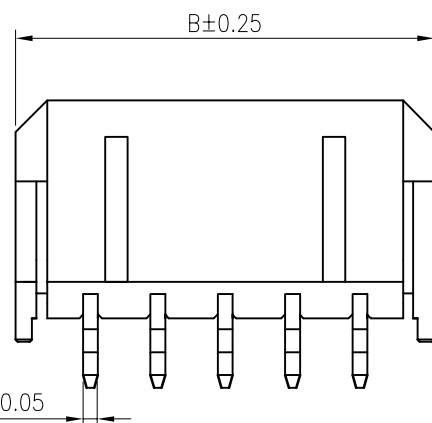
Ordering Code:

A3 C3000VD *** 12 T0101 R A

No.of Circuits
102:2P,103:3P.....

Insulator Material
12:PA9T Black

Packing
R: Reel Tape
P: Bag

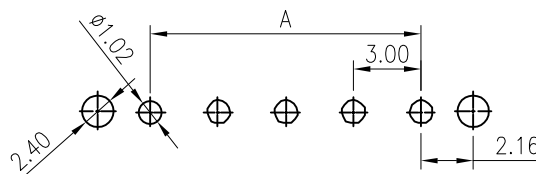
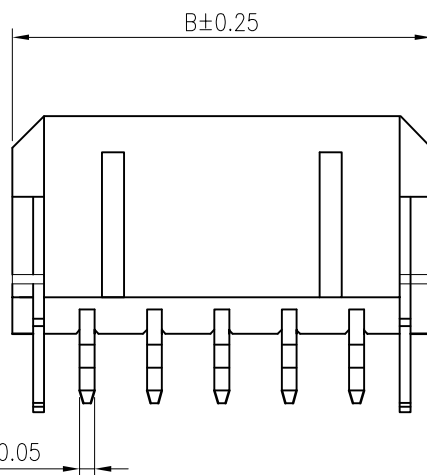
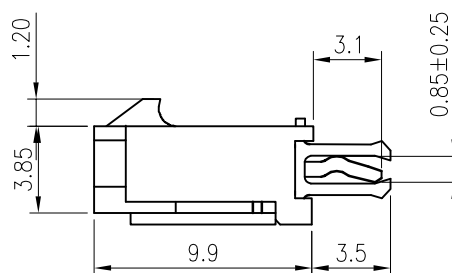
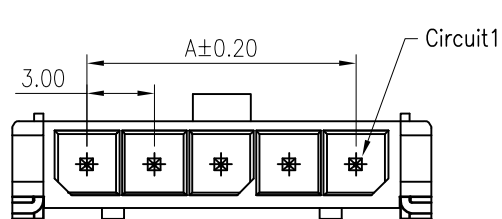


Recommended P.C.B. Layout
Total tolerance:±0.05mm

PIN NO.	DIMENSIONS	
	A	B
2P	3.00	9.65
3P	6.00	12.65
4P	9.00	15.65
5P	12.00	18.65
6P	15.00	21.65
7P	18.00	24.65
8P	21.00	27.65
9P	24.00	30.65
10P	27.00	33.65
11P	30.00	36.65
12P	33.00	39.65

	Uniformly arrange the drawings	Arvin	2021.09.17	TOLERANCE X.X ±0.30 X.XX ±0.20 X.XXX ±0.10 Angle ±2°	TITLE: MX3.0 DIP 180° Wafer Single Row		DRAWN: ru yi 2020.03.10		 东莞市康瑞电子有限公司 DongGuan Konnra Electronics Co.,Ltd	
	Change the Product view	Arvin	2020.06.22				CHECKED:			
	Change the part number and frame format	Ru yi	2020.3.10		UNIT:mm SCALE:N/A		APPROVED:		PART NO.:C3000VD***12T0101*A	
MARK	REVISION DESCRIPTION	SIGNATURE	DATE				SHEET:1/1			

RoHS
COMPLIANT



Recommended P.C.B. Layout
Total tolerance:±0.05mm

SPECIFICATIONS

1. Current rating: 5A AC, DC
2. Voltage rating: 250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ Min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 10m Ω Max.

Material:

Insulator: LCP UL 94V-0
Contact: Brass
Plating: Tin plated over nickel
Circuits: 2~12
Mate with KR3000 series single row housing

Ordering Code:

A4 C3000VD *** 14 T0102 R A

No.of Circuits
102:2P,103:3P.....
Insulator Material
14:LCP Black

Packing
R: Reel Tape
P: Bag

PIN NO.	DIMENSIONS	
	A	B
2P	3.00	9.65
3P	6.00	12.65
4P	9.00	15.65
5P	12.00	18.65
6P	15.00	21.65
7P	18.00	24.65
8P	21.00	27.65
9P	24.00	30.65
10P	27.00	33.65
11P	30.00	36.65
12P	33.00	39.65



MARK

Uniformly arrange the drawings
Change the part number and
frame format

Arvin
Arvin

2021.09.17
2020.12.26

TOLERANCE
X.X ±0.30
X.XX ±0.20
X.XXX ±0.10
Angle ±2°

TITLE:
MX3.0 DIP 180°
Wafer With Clips
Single Row

UNIT:mm SCALE:N/A

DRAWN: Arvin 2020.12.26

CHECKED:

APPROVED:

SHEET:1/1

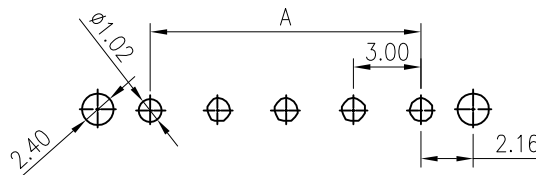
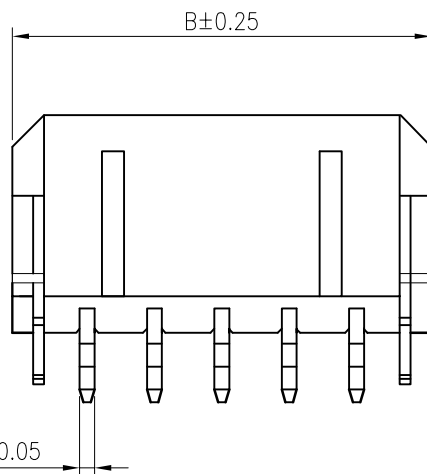
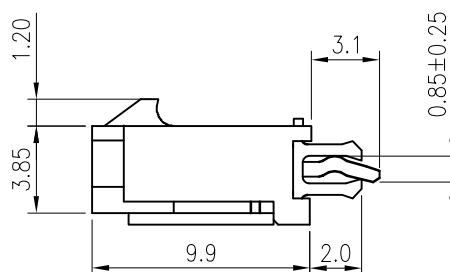
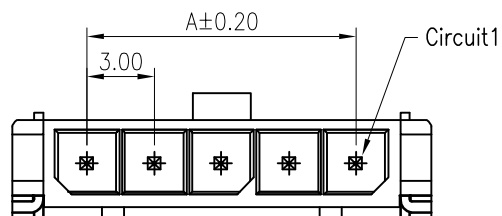
PROJECTION

KONNRA 东莞市康瑞电子有限公司
DongGuan Konnra Electronics Co.,Ltd.

PART NO.:C3000VD***14T0102*A

REV.:A3 DRAWING NO.:3000WVD102-A-S

RoHS
COMPLIANT



Recommended P.C.B. Layout
Total tolerance:±0.05mm

SPECIFICATIONS

1. Current rating: 5A AC, DC
2. Voltage rating: 250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ Min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 10mΩ Max.

Material:

Insulator: LCP UL 94V-0
Contact: Brass
Plating: Tin plated over nickel
Circuits: 2~12
Mate with KR3000 series single row housing

Ordering Code:

A4 C3000VD *** 14 T0103 R A

No.of Circuits
102:2P,103:3P.....
Insulator Material
14:LCP Black

Packing
R: Reel Tape
P: Bag

PIN NO.	DIMENSIONS	
	A	B
2P	3.00	9.65
3P	6.00	12.65
4P	9.00	15.65
5P	12.00	18.65
6P	15.00	21.65
7P	18.00	24.65
8P	21.00	27.65
9P	24.00	30.65
10P	27.00	33.65
11P	30.00	36.65
12P	33.00	39.65



MARK

Uniformly arrange the drawings
Change the part number and
frame format

Arvin
Arvin

2021.09.18
2020.12.26

TOLERANCE
X.X ±0.30
X.XX ±0.20
X.XXX ±0.10
Angle ±2°

TITLE:
MX3.0 DIP 180°
Wafer With Short
Clips Single Row

UNIT:mm SCALE:N/A

DRAWN: Arvin 2020.12.26

CHECKED:

APPROVED:

SHEET:1/1

PROJECTION

KONNRA 东莞市康瑞电子有限公司
DongGuan Konnra Electronics Co.,Ltd.

PART NO.:C3000VD***14T0103*A

REV.:A3 DRAWING NO.:3000WVD103-A-S

SPECIFICATIONS

1. Current rating: 5A AC, DC
2. Voltage rating: 250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ Min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 10mΩ Max.

Material:

Insulator: PA9T UL 94V-0

Contact: Brass

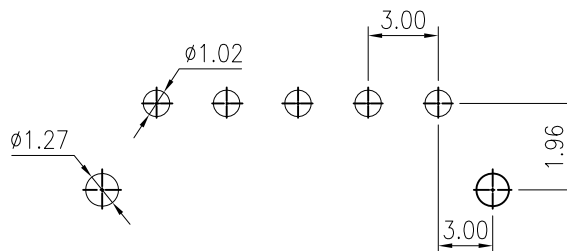
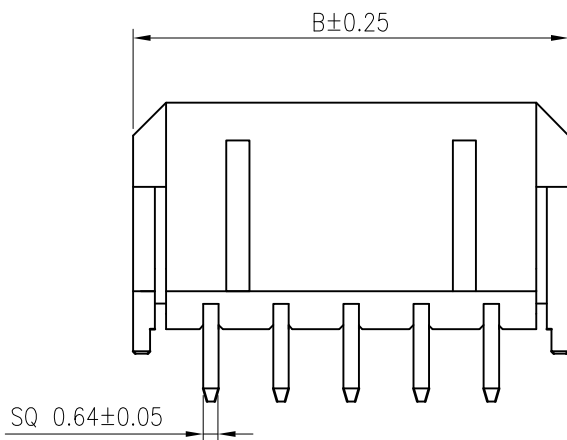
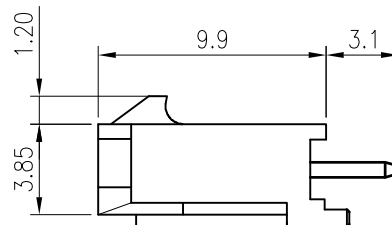
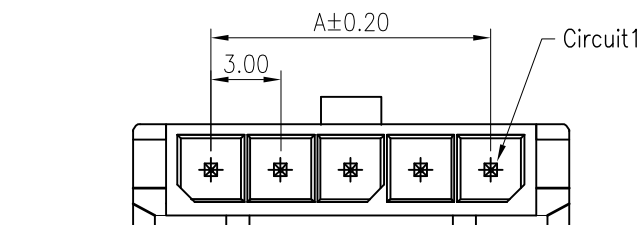
Plating: Tin plated over nickel

Circuits: 2~12

Mate with KR3000 series single row housing

Ordering Code:

C3000VD *** 12 T0106 * A

No.of Circuits
102:2P,103:3P.....Insulator Material
12:PA9T BlackPacking
R: Reel Tape
P: Bag

Recommended P.C.B. Layout
Total tolerance:±0.05mm

PIN NO.	DIMENSIONS	
	A	B
2P	3.00	9.65
3P	6.00	12.65
4P	9.00	15.65
5P	12.00	18.65
6P	15.00	21.65
7P	18.00	24.65
8P	21.00	27.65
9P	24.00	30.65
10P	27.00	33.65
11P	30.00	36.65
12P	33.00	39.65



New Specifications

Shen

2021.11.03

TOLERANCE

X.X ±0.30

X.XX ±0.20

X.XXX ±0.10

Angle ±2°

TITLE:

MX3.0 DIP 180°

Wafer Single Row

No K

DRAWN: Shen 2021.11.03

CHECKED:

APPROVED:

KONNRA 东莞市康瑞电子有限公司

DongGuan Konnra Electronics Co.,Ltd.

PART NO.:C3000VD***12T0106*A

MARK

REVISION DESCRIPTION

SIGNATURE

DATE

UNIT:mm

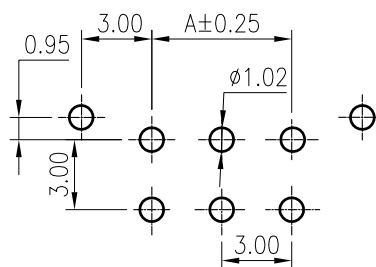
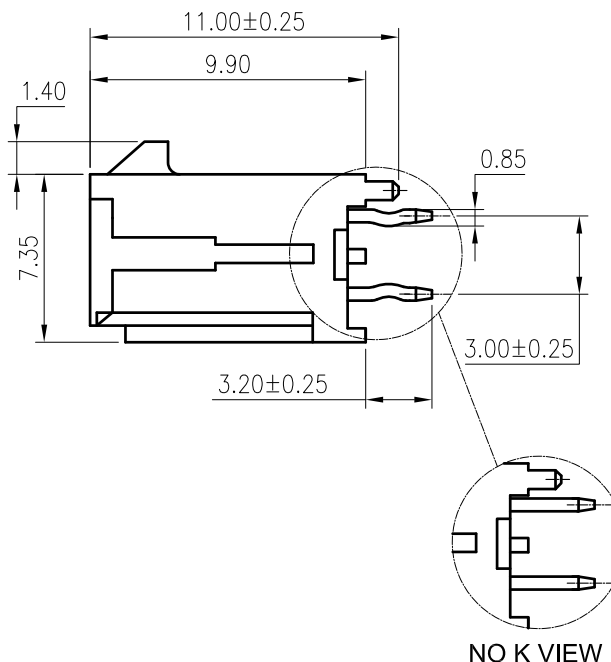
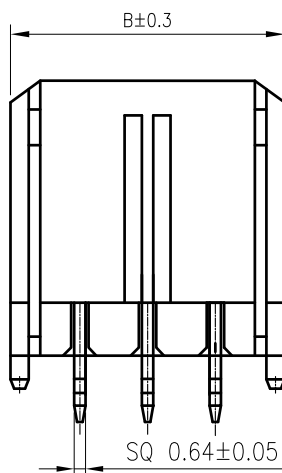
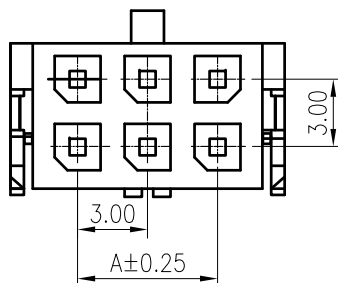
SCALE:1/1

SHEET:1/1

PROJECTION

REV.:A1

DRAWING NO.:3000WVD106-A-S



Recommended P.C.B. Layout
Total tolerance:±0.05mm

SPECIFICATIONS

1. Current rating: 5A AC, DC
2. Voltage rating: 250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ Min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 10mΩ Max.

Material:

Insulator: PA46 UL 94V-0

Contact: Brass

Plating: Tin plated over nickel

Circuits: 2~12

Mate with KR3000 series Dual row housing

Ordering Code:

A2 C3000VD *** 08 T01** R A

No.of Circuits

201:2x1P,

202:2x2P.....

Insulator Material

08:PA46 Black

Packing

R: Reel Tape

P: Bag

B: Box

01:Have K

10:No K



PIN NO.	DIMENSIONS		PIN NO.	DIMENSIONS	
	A	B		A	B
2*1P	--	6.65	2*7P	18.00	24.65
2*2P	3.00	9.65	2*8P	21.00	27.65
2*3P	6.00	12.65	2*9P	24.00	30.65
2*4P	9.00	15.65	2*10P	27.00	33.65
2*5P	12.00	18.65	2*11P	30.00	36.65
2*6P	15.00	21.65	2*12P	33.00	39.65



Add no K specification

Shen

2022.01.09

TOLERANCE

TITLE:

DRAWN: Shen 2022.01.09

KONNRA 东莞市康瑞电子有限公司



Uniformly arrange the drawings

Arvin

2021.09.24

X.X ±0.30

MX3.0 DIP 180°

CHECKED:

DongGuan Konnra Electronics Co.,Ltd.



Change the part number and frame format

Ru yi

2020.3.10

X.XX ±0.20

Wafer Dual Row

APPROVED:

PART NO.:C3000VD***08T01***A



REVISION DESCRIPTION

SIGNATURE

DATE

X.XXX ±0.10

Angle ±2°

UNIT:mm

SCALE:N/A

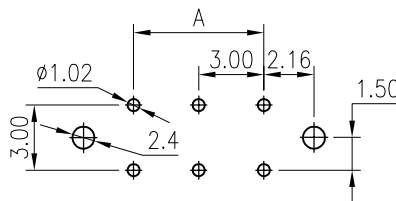
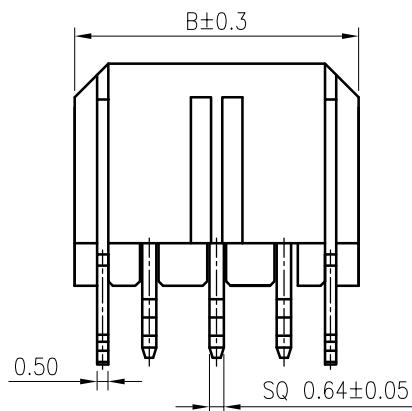
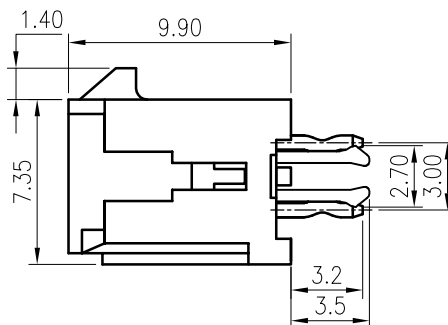
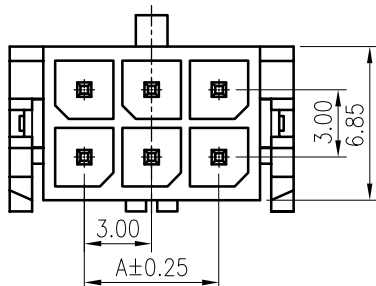
SHEET:1/1

PROJECTION

REV.:A4

DRAWING NO.:3000WVD201-A-S

RoHS
COMPLIANT



Recommended P.C.B. Layout
Total tolerance:±0.05mm

SPECIFICATIONS

1. Current rating: 5A AC, DC
2. Voltage rating: 250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ Min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 10mΩ Max.

Material:

Insulator: LCP UL 94V-0

Contact: Brass/Tin plated over nickel

Clips: Brass/Matte-tin plated over nickel

Circuits: 2~12

Mate with KR3000 series dual row housing

Ordering Code:

A4 C3000VD *** 14 T0102 R A

No.of Circuits

201:2x1P,

202:2x2P.....

Insulator Material

14:LCP Black

Packing

R: Reel Tape

P: Bag

B: Box

PIN NO.	DIMENSIONS		PIN NO.	DIMENSIONS	
	A	B		A	B
2*1P	--	6.65	2*7P	18.00	24.65
2*2P	3.00	9.65	2*8P	21.00	27.65
2*3P	6.00	12.65	2*9P	24.00	30.65
2*4P	9.00	15.65	2*10P	27.00	33.65
2*5P	12.00	18.65	2*11P	30.00	36.65
2*6P	15.00	21.65	2*12P	33.00	39.65



MARK

Uniformly arrange the drawings

Change the part number and
frame format

1

2

3

4

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Arvin

Ru yi

SIGNATURE

2021.09.24

2020.3.10

DATE

TOLERANCE

X.X ±0.30

X.XX ±0.20

X.XXX ±0.10

Angle ±2°

TITLE:

MX3.0 DIP 180°
Wafer With Clips
Dual Row

UNIT:mm

SCALE:N/A

DRAWN: ru yi 2020.03.10

CHECKED:

APPROVED:

SHEET:1/1

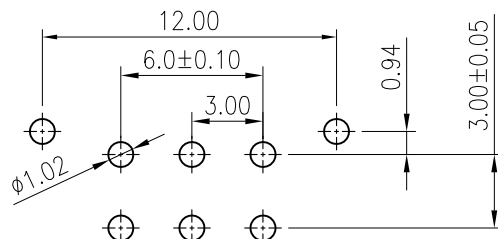
PROJECTION

KONNRA 东莞市康瑞电子有限公司
DongGuan Konnra Electronics Co.,Ltd.

PART NO.:C3000VD***14T0102*A

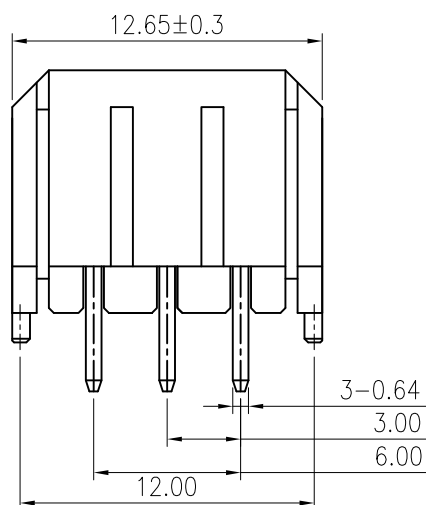
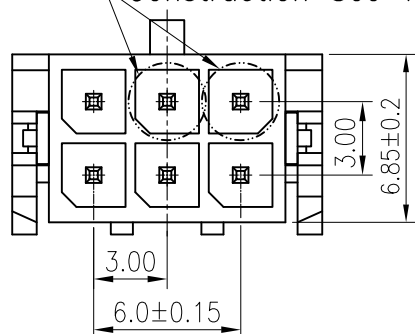
REV.:A3 DRAWING NO.:3000WVD202-A-S

RoHS
COMPLIANT

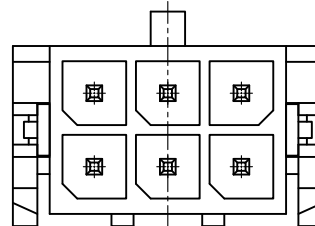


Recommended P.C.B. Layout
Total tolerance:±0.05mm

Construction See Table

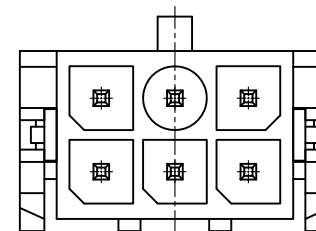


Type 1 /Black



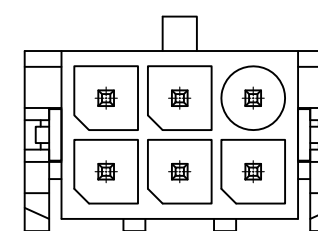
P/N:C3000VD20308T0101PA

Type 2



P/N:C3000VD203**T012*PA

Type 3



P/N:C3000VD203**T013*PA

SPECIFICATIONS

Current rating: 5A AC, DC

Voltage rating: 250V AC,DC

Temperature range: -40°C ~ +105°C

Insulation resistance: 1000MΩ/ min.

Withstanding voltage: 1500V AC/ minute.

Contact resistance: 10mΩ/ max.

Material:

Insulator: NYLON46 UL94 V-0

Pin:Brass/Tin-Plated

Plating: Tin plated over nickel

Circuits: 2*1~2*12P

Mate with KR3000 series dual row housing

Ordering Code:

C3000VD 203 ** T01 ** P A

07: PA46 NATURAL

08: PA46 BLACK

34: PA46 RED

P: Bag
R: Reel

22: Type 2 NO K

32: Type 3 NO K

TOLERANCE

X.X ±0.30

X.XX ±0.20

X.XXX ±0.10

Angle ±2°

TITLE:

MX3.0 DIP 180°

Wafer 双排有柱无

K_2*3

DRAWN: Shen 2021.12.24

CHECKED:

APPROVED:

UNIT:mm

SCALE:1/1

SHEET:1/1

PROJECTION

REV.:A1

DRAWING NO.:3000WVD222-A-S



The First

Shen

2021.12.24

MARK

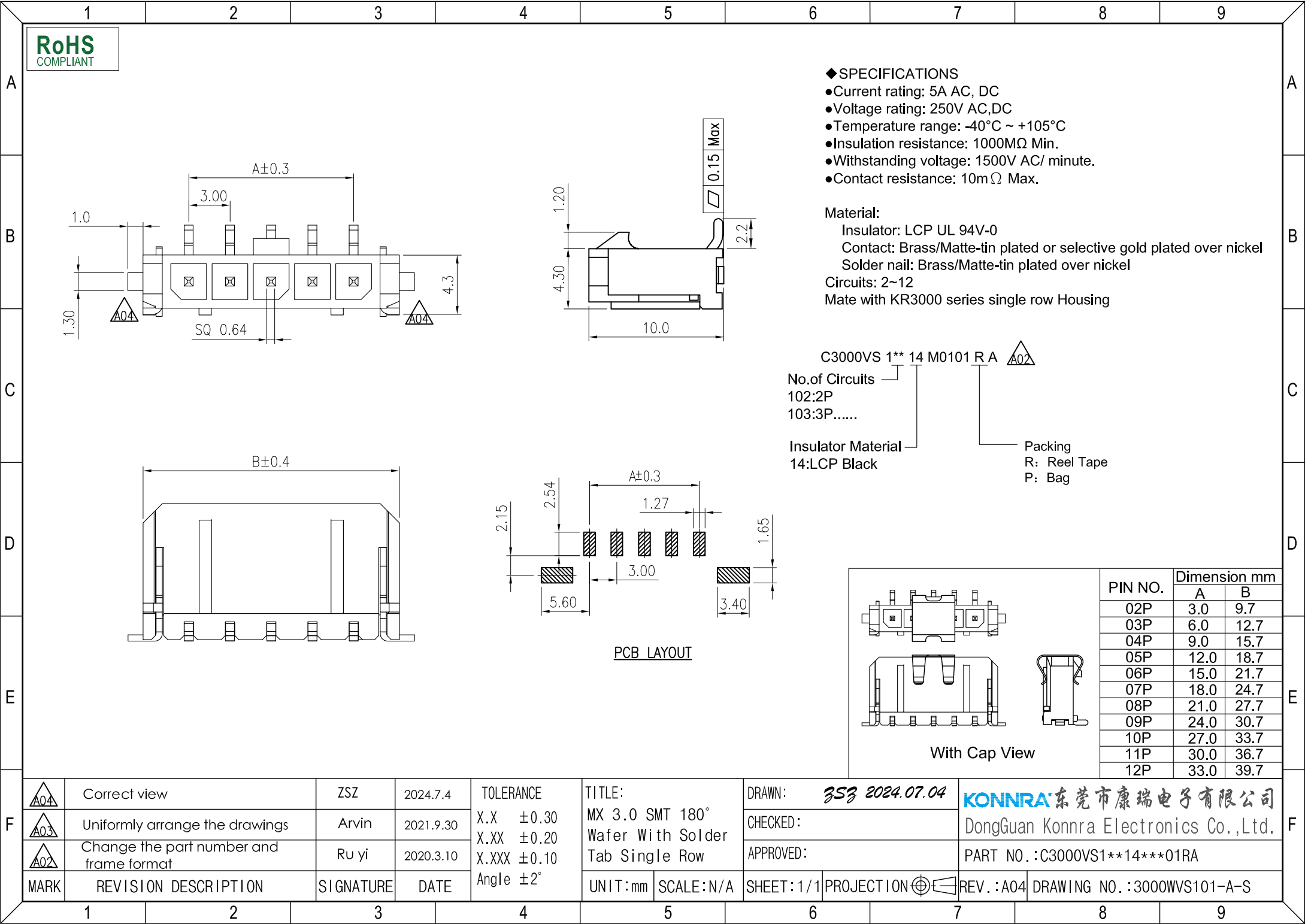
REVISION DESCRIPTION

SIGNATURE

DATE

KONNRA 东莞市康瑞电子有限公司
DongGuan Konnra Electronics Co.,Ltd.

PART NO.:SEE TABLE



◆ SPECIFICATIONS

- Current rating: 5A AC, DC
- Voltage rating: 250V AC,DC
- Temperature range: -40°C ~ +105°C
- Insulation resistance: 1000MΩ Min.
- Withstanding voltage: 1500V AC/ minute.
- Contact resistance: 10mΩ Max.

Material:

Insulator: LCP UL 94V-0
Contact: Brass/Matte-tin plated or selective gold plated over nickel
Solder nail: Brass/Matte-tin plated over nickel
Circuits: 2~12
Mate with KR3000 series single row Housing

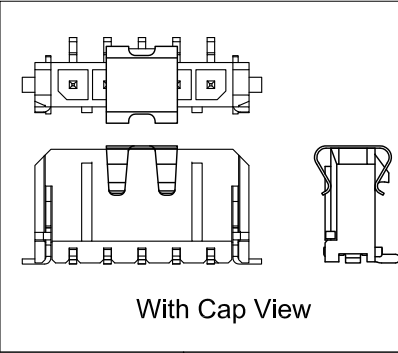
C3000VS 1** 14 M0101 R A A02

No.of Circuits
102:2P
103:3P.....

Insulator Material
14:LCP Black

Packing
R: Reel Tape
P: Bag

PCB LAYOUT



PIN NO.	Dimension mm	
	A	B
02P	3.0	9.7
03P	6.0	12.7
04P	9.0	15.7
05P	12.0	18.7
06P	15.0	21.7
07P	18.0	24.7
08P	21.0	27.7
09P	24.0	30.7
10P	27.0	33.7
11P	30.0	36.7
12P	33.0	39.7

F		Correct view	ZSZ	2024.7.4	TOLERANCE X.X ±0.30 X.XX ±0.20 X.XXX ±0.10 Angle ±2°	TITLE: MX 3.0 SMT 180° Wafer With Solder Tab Single Row	DRAWN: 353 2024.07.04		KONNRA 东莞市康瑞电子有限公司			
		Uniformly arrange the drawings	Arvin	2021.9.30			CHECKED:		DongGuan Konnra Electronics Co.,Ltd.			
		Change the part number and frame format	Ru yi	2020.3.10			APPROVED:		PART NO.:C3000VS1**14***01RA			
	MARK	REVISION DESCRIPTION	SIGNATURE	DATE			UNIT:mm	SCALE:N/A	SHEET:1/1	PROJECTION	REV.:A04	DRAWING NO.:3000WVS101-A-S

- Current rating: 5A AC, DC
- Voltage rating: 250V AC,DC
- Temperature range: -40°C ~ +105°C
- Insulation resistance: 1000MΩ Min.
- Withstanding voltage: 1500V AC/ minute.
- Contact resistance: 10mΩ Max.

Suitable: KR3000 series single row Housing

P: Bag

PIN NO.	Dimension mm	
	A	B
02P	3.0	9.7
03P	6.0	12.7
04P	9.0	15.7
05P	12.0	18.7
06P	15.0	21.7
07P	18.0	24.7
08P	21.0	27.7
09P	24.0	30.7
10P	27.0	33.7
11P	30.0	36.7
12P	33.0	39.7

With Cap View

	Correct view	ZSZ	2024.07.04	TOLERANCE X.X ±0.30 X.XX ±0.20 X.XXX ±0.10 Angle ±2°	TITLE: MX 3.0 SMT 180° Wafer With Clips Single Row		DRAWN: ZSZ 2024.07.04		KONNRA 东莞市康瑞电子有限公司 DongGuan Konnra Electronics Co.,Ltd. PART NO.: C3000VS1**14***02RA	
	Uniformly arrange the drawings	Arvin	2021.9.23				CHECKED:			
	Change the part number and frame format	Ru yi	2020.3.10				APPROVED:			
MARK	REVISION DESCRIPTION	SIGNATURE	DATE		UNIT:mm	SCALE:N/A	SHEET:1/1	PROJECTION 	REV.:A04	DRAWING NO.:3000WVS102-A-S

◆SPECIFICATIONS

- Current rating: 5A AC, DC
- Voltage rating: 250V AC,DC
- Temperature range: -40°C ~ +105°C
- Insulation resistance: 1000MΩ Min.
- Withstanding voltage: 1500V AC/ minute.
- Contact resistance: 10mΩ Max.

Material:

Insulator: LCP UL 94V-0

Contact: Brass

Solder nail: Brass

Plating: SEE TABLE

Circuits: 2~12

Suitable: KR3000 series single row Housing

C3000VS1**14M0103RA

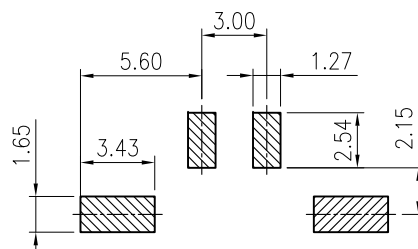
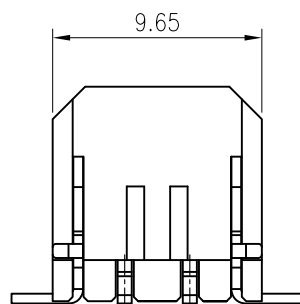
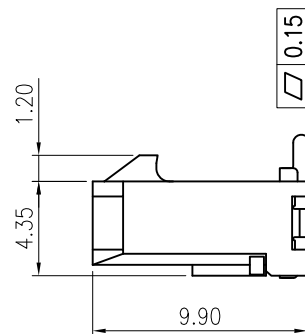
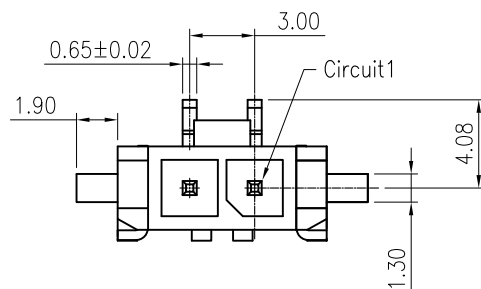
02: 2P

12: 12P

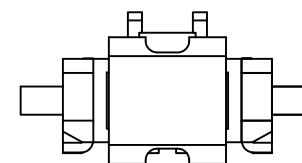
14: LCP Black

M01: MATTE TIN

G06: Au 15u"



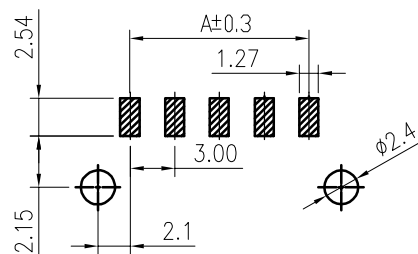
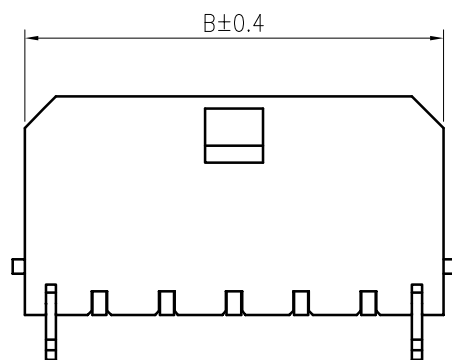
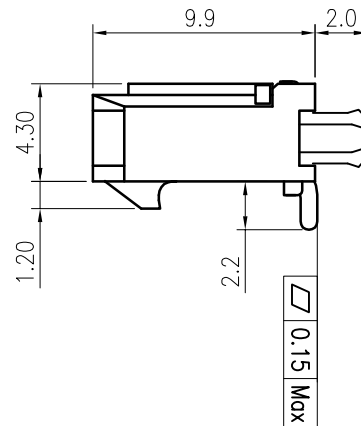
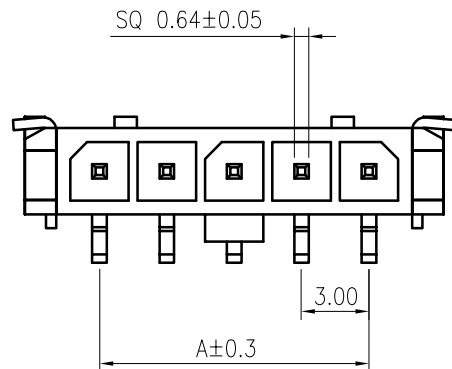
Recommended P.C.B. Layout
Total tolerance:±0.05mm



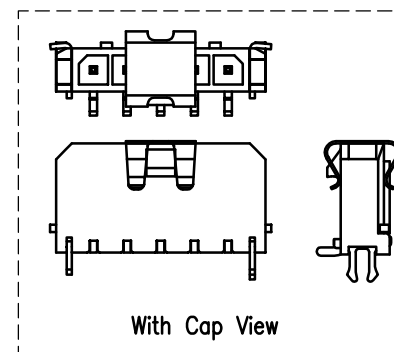
With Cap View

A3	Add plating specification	ZSZ	2022.12.09	TOLERANCE X.X ±0.30 X.XX ±0.20 X.XXX ±0.10 Angle ±2°	TITLE: MX 3.0 SMT 180° Wafer 2P With Long solder tap		DRAWN: ru yi 2020.03.10		KONNRA 东莞市康瑞电子有限公司 DongGuan Konnra Electronics Co.,Ltd. PART NO.:C3000VS10214M0103RA	
A2	Change the part number and frame format	Ru yi	2020.3.10				CHECKED:			
A1	New DWG	Ru yi	2019.9.27				APPROVED:			
MARK	REVISION DESCRIPTION	SIGNATURE	DATE		UNIT:mm	SCALE:N/A	SHEET:1/1	PROJECTION 	REV.:A3	DRAWING NO.:3000WVS103-A-S

RoHS
COMPLIANT



Recommended P.C.B. Layout
Total tolerance:±0.05mm



SPECIFICATIONS

1. Current rating: 5A AC, DC
2. Voltage rating: 250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ Min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 10mΩ Max.

Material:

Insulator: LCP UL 94V-0

Contact: Brass/Matte-tin plated over nickel

Clips: Brass/Matte-tin plated over nickel

Circuits: 2~12

Mate with KR3000 series single row housing

Ordering Code:

A C3000VS *** 14 M0104 R A

No.of Circuits

102:2P,

103:3P.....

Insulator Material

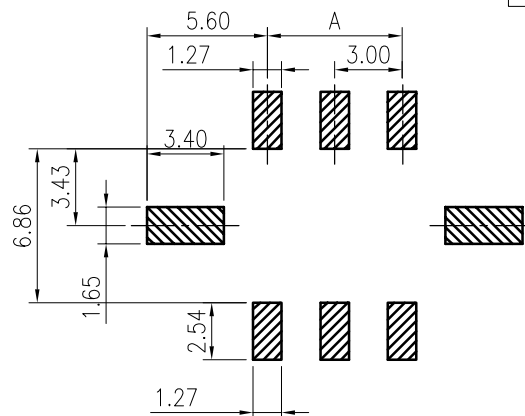
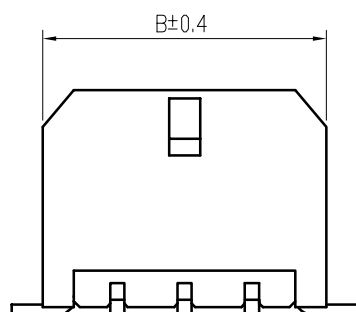
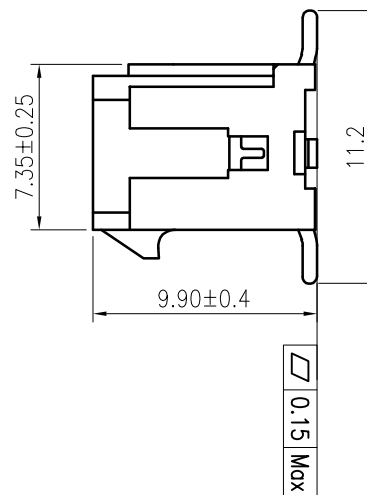
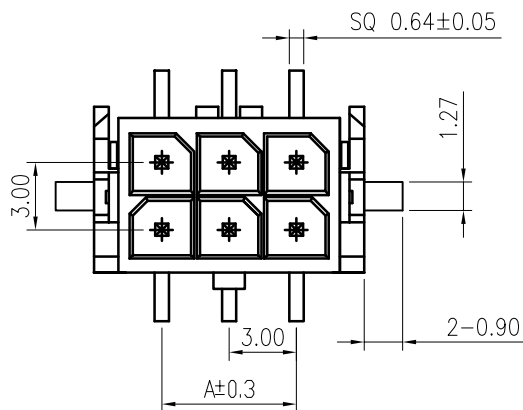
14:LCP Black

Packing
R: Reel Tape
P: Bag

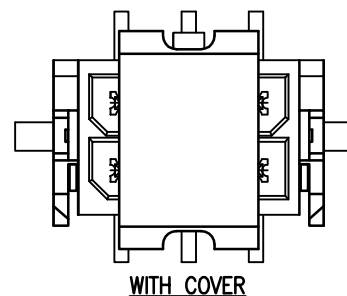
PIN NO.	DIMENSIONS	
	A	B
2P	3.00	9.7
3P	6.00	12.7
4P	9.00	15.7
5P	12.00	18.7
6P	15.00	21.7
7P	18.00	24.7
8P	21.00	27.7
9P	24.00	30.7
10P	27.00	33.7
11P	30.00	36.7
12P	33.00	39.7

F	A4				TOLERANCE	TITLE:	DRAWN: ru yi 2020.03.10	KONNRA 东莞市康瑞电子有限公司 DongGuan Konnra Electronics Co.,Ltd.		
	A3	Uniformly arrange the drawings	Arvin	2021.09.23	X.X ±0.30	MX3.0 SMT 180°	CHECKED:			
	A2	Change the part number and frame format	Ru yi	2020.3.10	X.XX ±0.20	Wafer With Short	APPROVED:	PART NO.:C3000VS1**14M0104RA		
	MARK	REVISION DESCRIPTION	SIGNATURE	DATE	X.XXX ±0.10	Clips Single Row		REV.:A3 DRAWING NO.:3000WVS104-A-S		
					Angle ±2°	UNIT:mm	SCALE:N/A	SHEET:1/1	PROJECTION	

RoHS
COMPLIANT



Recommended P.C.B. Layout
Total tolerance:±0.05mm



SPECIFICATIONS

1. Current rating: 5A AC, DC
2. Voltage rating: 250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ Min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 10mΩ Max.

Material:

Insulator: LCP UL 94V-0

Contact: Brass/Matte-tin plated over nickel

Solder tab: Brass/Matte-tin plated over nickel

Circuits: 2*1~2*12

Mate with KR3000 series dual row housing

Ordering Code:

C3000VS *** 14 M0101 R A

No.of Circuits

201:2x1P,

2x2:2x2P.....

Insulator Material

14:LCP Black

Packing

R: Reel Tape

P: Bag

PIN NO.	DIMENSIONS		PIN NO.	DIMENSIONS	
	A	B		A	B
2*1P	--	6.65	2*7P	18.00	24.65
2*2P	3.00	9.65	2*8P	21.00	27.65
2*3P	6.00	12.65	2*9P	24.00	30.65
2*4P	9.00	15.65	2*10P	27.00	33.65
2*5P	12.00	18.65	2*11P	30.00	36.65
2*6P	15.00	21.65	2*12P	33.00	39.65



MARK

Uniformly arrange the drawings

Change the part number and
frame format

1

2

3

4

5

6

7

8

9

TOLERANCE

X.X ±0.30

X.XX ±0.20

X.XXX ±0.10

Angle ±2°

TITLE:

MX3.0 SMT 180°
Wafer With Solder
Tab Dual Row

UNIT:mm

SCALE:N/A

DRAWN: ru yi 2020.03.10

CHECKED:

APPROVED:

SHEET:1/1

PROJECTION

KONNRA 东莞市康瑞电子有限公司

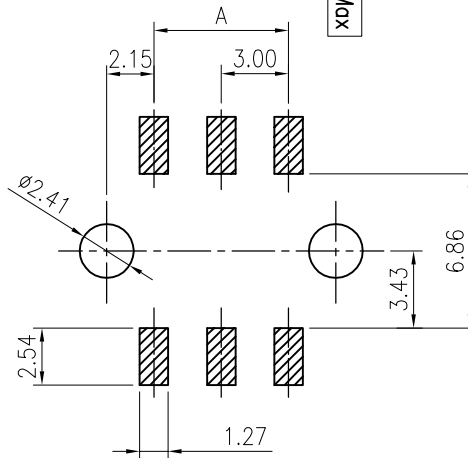
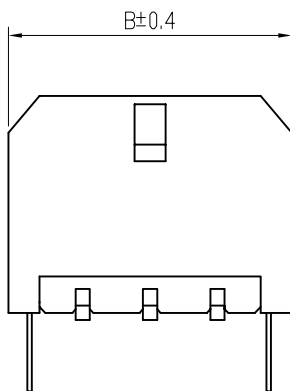
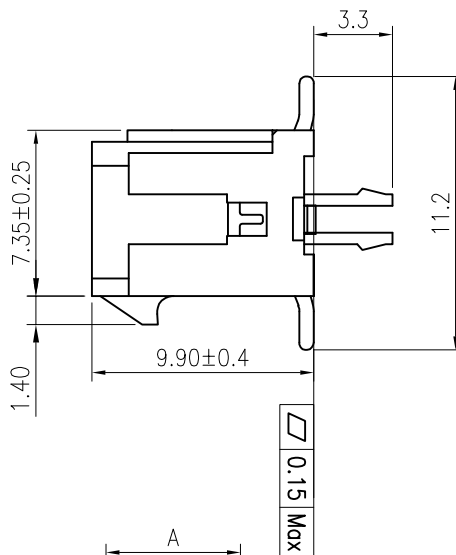
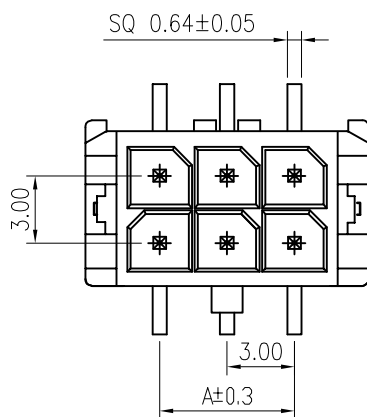
DongGuan Konnra Electronics Co.,Ltd.

PART NO.:C3000VS2**14M0101RA

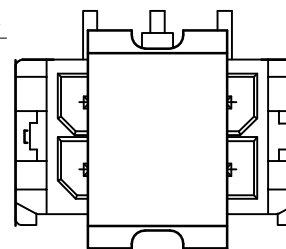
REV.:A3

DRAWING NO.:3000WVS201-A-S

RoHS
COMPLIANT



Recommended P.C.B. Layout
Total tolerance:±0.05mm



WITH COVER

SPECIFICATIONS

1. Current rating: 5A AC, DC
2. Voltage rating: 250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ Min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 10mΩ Max.

Material:

Insulator: LCP UL 94V-0

Contact: Brass/Matte-tin plated over nickel

Clips: Brass/Matte-tin plated over nickel

Circuits: 2*1~2*12

Mate with KR3000 series dual row housing

Ordering Code:

C3000VS *** 14 M0102 R A

No.of Circuits

201:2x1P,

202:2x2P.....

Insulator Material

14:LCP Black

Packing

R: Reel Tape

P: Bag

PIN NO.	DIMENSIONS		PIN NO.	DIMENSIONS	
	A	B		A	B
2*1P	--	6.65	2*7P	18.00	24.65
2*2P	3.00	9.65	2*8P	21.00	27.65
2*3P	6.00	12.65	2*9P	24.00	30.65
2*4P	9.00	15.65	2*10P	27.00	33.65
2*5P	12.00	18.65	2*11P	30.00	36.65
2*6P	15.00	21.65	2*12P	33.00	39.65



MARK

1

2

3

4

5

6

7

8

9

Uniformly arrange the drawings

Arvin

2021.09.23

Change the part number and
frame format

Ru yi

2020.3.10

TOLERANCE

X.X ±0.30

X.XX ±0.20

X.XXX ±0.10

Angle ±2°

TITLE:

MX3.0 SMT 180°

Wafer With Clips

Dual Row

UNIT:mm

SCALE:N/A

DRAWN: ru yi 2020.03.10

CHECKED:

APPROVED:

SHEET:1/1

PROJECTION

KONNRA 东莞市康瑞电子有限公司

DongGuan Konnra Electronics Co.,Ltd.

PART NO.:C3000VS2**14M0102RA

REV.:A3

DRAWING NO.:3000WVS202-A-S