

◆SPECIFICATIONS

- Current rating: 1A AC, DC
- Voltage rating: 125V AC,DC
- Temperature range: -40°C ~ +105°C
- Insulation resistance: 100MΩ Min.
- Withstanding voltage: 250V AC/ minute.
- Contact resistance: 20mΩ Max.

Material:Nylon 66 UL94-V0

Suitable:KR1250 series Terminal

Mates with:KR1250W* series Wafer And
KR1251 Housing

Q'ty:1,000PCS

Ordering Code:

H125001**0100A

102:2P

103:3P

.....

00:Halogen free

01:Conventional products

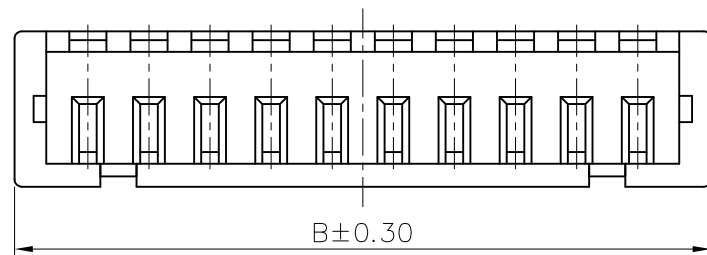
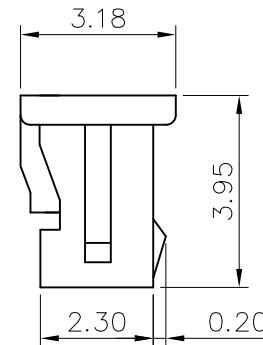
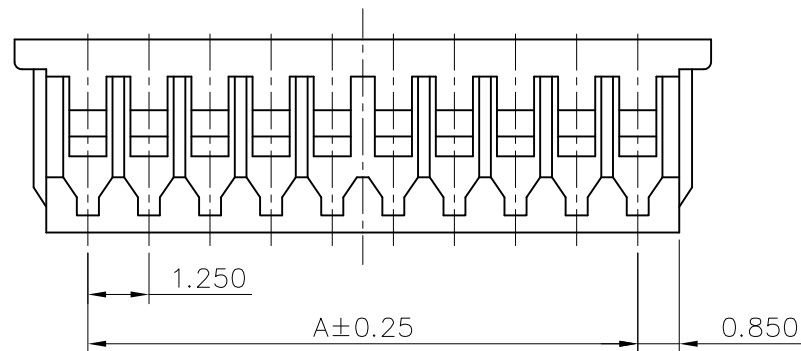
01:PA66 UL94 V-0 white

02:PA66 UL94 V-0 black

22:PA66 UL94 V-0 beige

24:PBT white

36:PA66+15% Glass fiber



Circuits	A	B	Circuits	A	B
2	1.25	4.25	10	11.25	14.25
3	2.50	5.50	11	12.50	15.50
4	3.75	6.75	12	13.75	16.75
5	5.00	8.00	13	15.00	18.00
6	6.25	9.25	14	16.25	19.25
7	7.50	10.50	15	17.50	20.50
8	8.75	11.75	16	18.75	21.75
9	10.00	13.00			



Uniformly arrange the drawings

Shen

2021.08.31

Change the part number and
frame format

TLX

2020.04.08

MARK

REVISION DESCRIPTION

SIGNATURE

DATE

TOLERANCE

X.X ±0.30

X.XX ±0.20

X.XXX ±0.10

Angle ±2°

TITLE:
MX1.25 Housing

UNIT:mm

SCALE:1/1

DRAWN: Shen 2021.08.31

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.:H125001****0*A

REV.:A3

DRAWING NO.:1250H101-A-S

RoHS
COMPLIANT

◆ SPECIFICATIONS

- Current rating: 1A AC, DC
- Voltage rating: 125V AC,DC
- Temperature range: -40°C ~ +105°C
- Insulation resistance: 100MΩ Min.
- Withstanding voltage: 250V AC/ minute.
- Contact resistance: 20mΩ Max.

Material:Housing:Nylon 66 UL94-V0

Suitable:KR1250 series Terminal

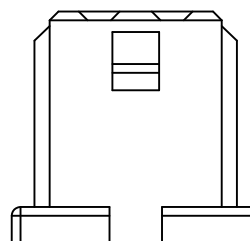
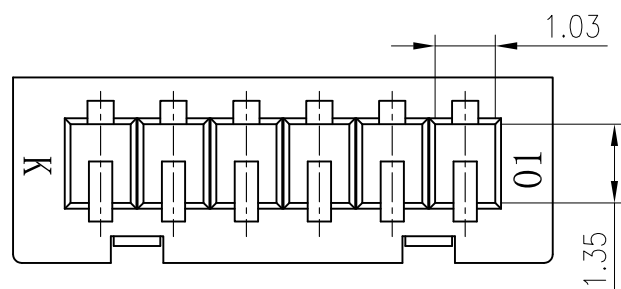
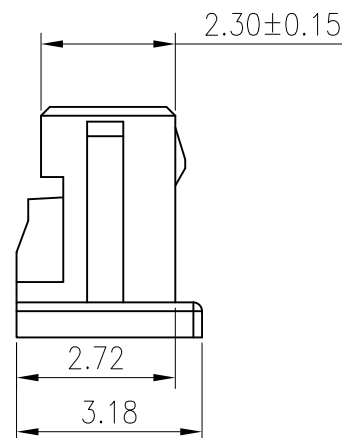
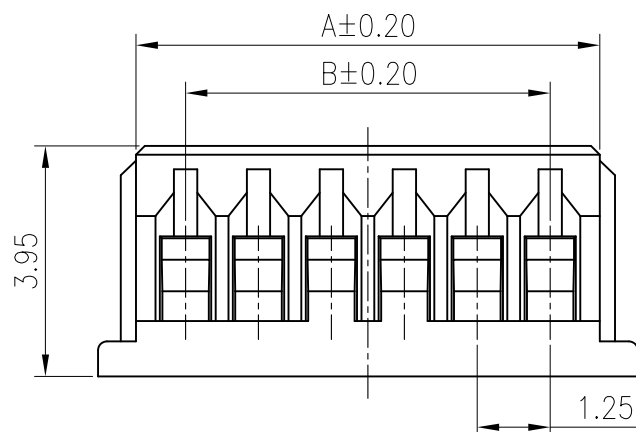
Mates with:KR1250W series Wafer And

KR1251 Housing

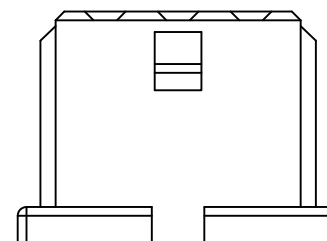
Q'ty:1,000PCS

PART NO.:H125001**0101B

PIN NO. 102=02P 103=03P... 00:HF 01:Conventional products



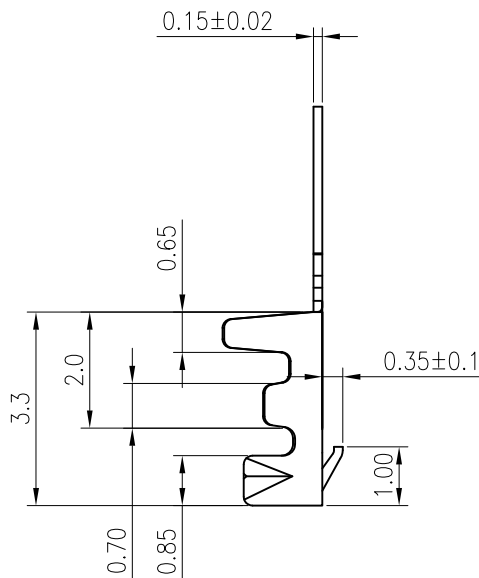
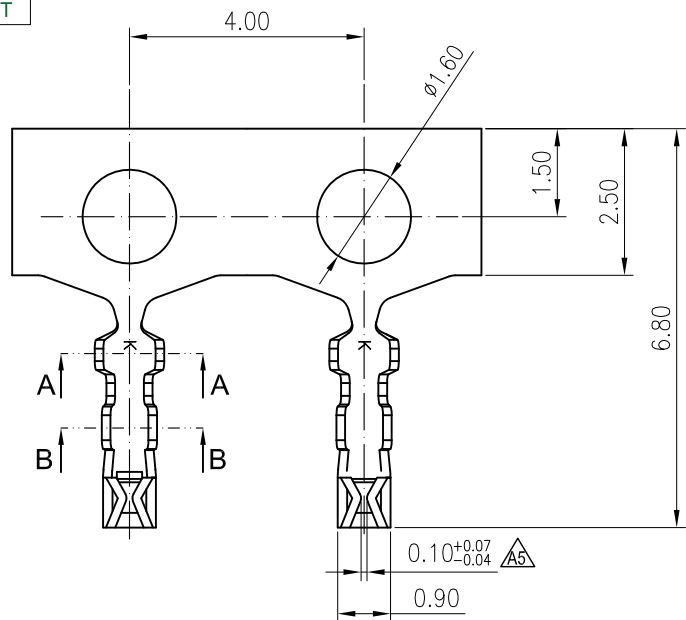
2PIN



3PIN

PIN NO.	A	B
02P	2.95	1.25
03P	4.20	2.50
04P	5.45	3.75
05P	6.70	5.00
06P	7.95	6.25
07P	9.20	7.50
08P	10.45	8.75
09P	11.70	10.00
10P	12.95	11.25
11P	14.20	12.50
12P	15.45	13.75
13P	16.70	15.00
14P	17.95	16.25
15P	19.20	17.50
16P	20.45	18.75

				TOLERANCE	TITLE:	DRAWN:	KONNRA 东莞市康瑞电子有限公司 DongGuan Konnra Electronics Co.,Ltd.		
				X.X ±0.30	MX1.25 Housing DDJ	Shen 2021.08.30			
				X.XX ±0.20		CHECKED:			
				X.XXX ±0.10		APPROVED:	PART NO.:H125001**010*B		
MARK	REVISION DESCRIPTION	SIGNATURE	DATE	Angle ±2°	UNIT:mm	SCALE:1/1	SHEET:1/1	PROJECTION	REV.:A3 DRAWING NO.:1250H104-B-S



◆SPECIFICATIONS

- Current rating: 1A AC, DC
- Voltage rating: 125V AC,DC
- Temperature range: -40°C ~ +105°C
- Insulation resistance: 100M Ω Min.
- Withstanding voltage: 250V AC/ minute.
- Contact resistance: 20m Ω Max.

Terminal:

Material: Phosphor Bronze

Finish: Tin Plated over Nickel

Applicable wires:

AWG #28~#32

Insulation O.D.: 1.0mm Max.

Suitable:KR1250 series Housing

Qty/reel:15,000PCS

PART NO. :

T1250FP***01A

S00:Material

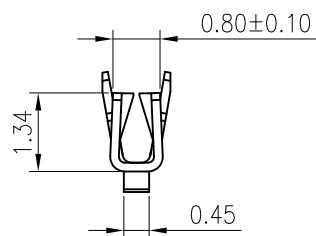
T01:Bright Tin

G01:Au 0.8u"

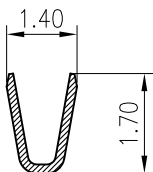
G02:Au 1u"

G03:Au 2u"

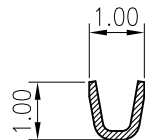
G05:Au 10u"



SECTION A-A



SECTION B-B



Uniformly arrange the drawings

Shen

2021.08.30



Add The Gap Size

ZZN

2021.04.07

MARK

REVISION DESCRIPTION

SIGNATURE

DATE

TOLERANCE

X.X ± 0.30 X.XX ± 0.20 X.XXX ± 0.10 Angle $\pm 2^\circ$

TITLE:

MX1.25 Terminal

DRAWN:

Shen 2021.08.30

CHECKED:

APPROVED:

UNIT:mm

SCALE:1:1

SHEET:1/1

PROJECTION

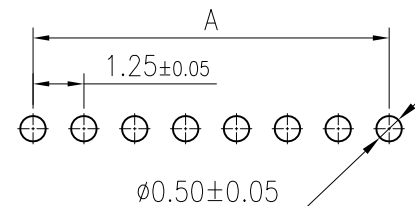
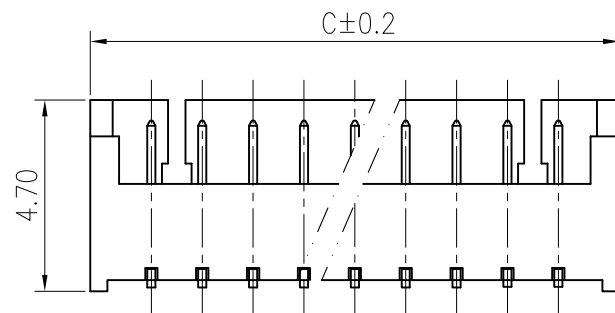
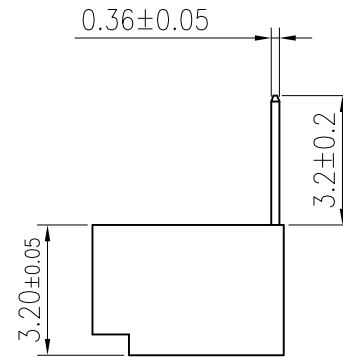
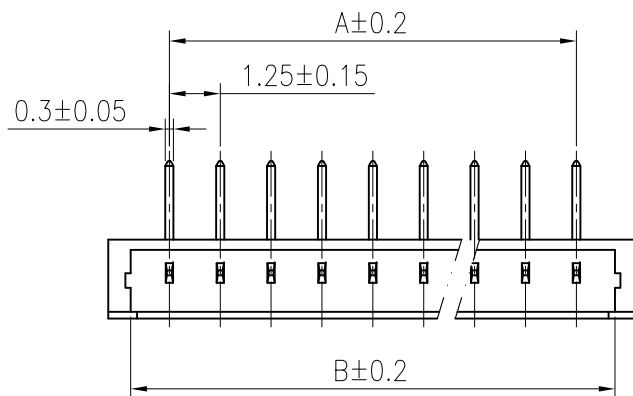
KONNRA 东莞市康瑞电子有限公司

DongGuan Konnra Electronics Co.,Ltd.

PART NO.:T1250FP***01A

REV.:A6

DRAWING NO.:1250T101-A-S



Recommended P.C.Board Layout
Total Tolerance:±0.05mm

◆SPECIFICATIONS

- Current rating: 1A AC, DC
- Voltage rating: 125V AC,DC
- Temperature range: -40°C ~ +105°C
- Insulation resistance: 100MΩ Min.
- Withstanding voltage: 250V AC/ minute.
- Contact resistance: 20mΩ Max.

Material:

Insulator: PA46/PA9T/LCP UL 94V-0

Contact: Brass

Plating: Tin plated over Nickel

Circuits: 2~16

Suitable: KR1250 series Housing

Ordering Code: C1250RD1**07T0102PA

02: 2P

16: 16P

P: Bag

11: PA9T Natural

13: LCP Natural

07: PA46 Natural

T01: Bright Tin

Cicuits	A	B	C	Cicuits	A	B	C
2	1.25	3.15	4.25	10	11.25	13.15	14.25
3	2.50	4.40	5.50	11	12.50	14.40	15.50
4	3.75	5.65	6.75	12	13.75	15.65	16.75
5	5.00	6.90	8.00	13	15.00	16.90	18.00
6	6.25	8.15	9.25	14	16.25	18.15	19.25
7	7.50	9.40	10.50	15	17.50	19.40	20.50
8	8.75	10.65	11.75	16	18.75	20.65	21.75
9	10.00	11.90	13.00				



Uniformly arrange the drawings

Shen

2021.8.30

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:

MX 1.25 DIP 90° Wafer
Lengthen

UNIT:mm

SCALE:1/1

DRAWN: Shen 2021.08.30

CHECKED:

APPROVED:

SHEET:1/1

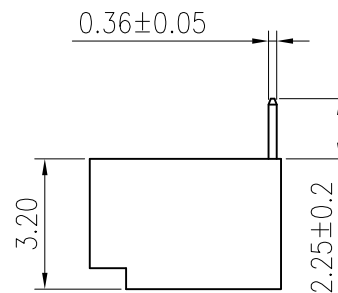
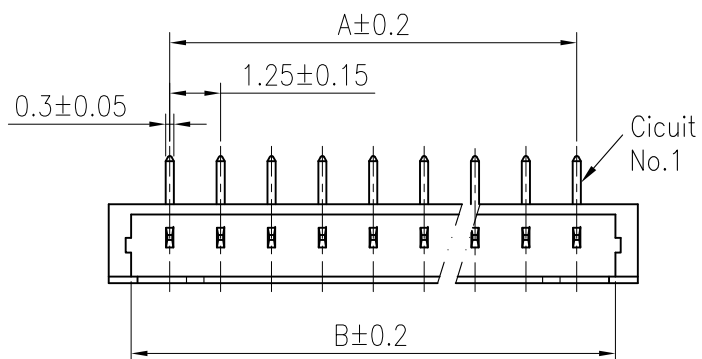
PROJECTION

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

PART NO.:C1250RD1****T0102PA

REV.:A3

DRAWING NO.:1250WHD102-A-S



◆SPECIFICATIONS

- Current rating: 1A AC, DC
- Voltage rating: 125V AC,DC
- Temperature range: -40°C ~ +105°C
- Insulation resistance: 100MΩ Min.
- Withstanding voltage: 250V AC/ minute.
- Contact resistance: 20mΩ Max.

Material:

Insulator: PA46/PA9T/LCP UL 94V-0

Contact: Brass

Plating: Tin plated over Nickel

Circuits: 2~16

Suitable: KR1250 series Housing

Ordering Code: C1250RD1**07T0101PA

02: 2P

16: 16P

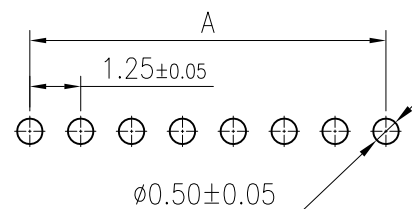
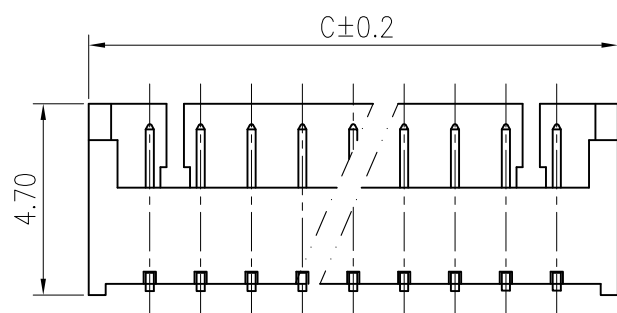
P: Bag

11: PA9T Natural

13: LCP Natural

07: PA46 Natural

T01: Bright Tin



Recommended P.C.Board Layout
Total Tolerance:±0.05mm

Circuits	A	B	C	Circuits	A	B	C
2	1.25	3.15	4.25	10	11.25	13.15	14.25
3	2.50	4.40	5.50	11	12.50	14.40	15.50
4	3.75	5.65	6.75	12	13.75	15.65	16.75
5	5.00	6.90	8.00	13	15.00	16.90	18.00
6	6.25	8.15	9.25	14	16.25	18.15	19.25
7	7.50	9.40	10.50	15	17.50	19.40	20.50
8	8.75	10.65	11.75	16	18.75	20.65	21.75
9	10.00	11.90	13.00				



Uniformly arrange the drawings

Shen

2021.8.30



Change the part number and frame format

Ru yi

2020.3.10

MARK

REVISION DESCRIPTION

SIGNATURE

DATE

TOLERANCE

X.X ±0.30

X.XX ±0.20

X.XXX ±0.10

Angle ±2°

TITLE:

MX 1.25 DIP 90° Wafer

DRAWN: Shen 2021.08.30

CHECKED:

APPROVED:

UNIT:mm

SCALE:1/1

SHEET:1/1

PROJECTION

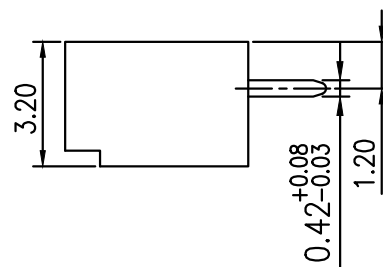
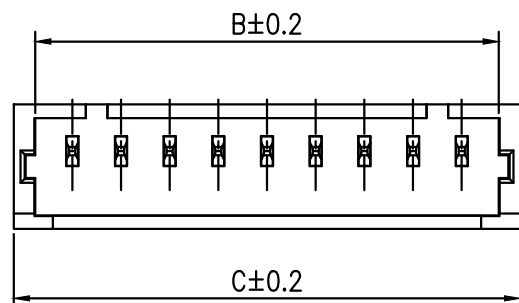
KONNRA 东莞市康瑞电子有限公司
DongGuan Konnra Electronics Co.,Ltd.

PART NO.:C1250RD1****T0101PA

REV.:A3

DRAWING NO.:1250WHD101-A-S

RoHS
COMPLIANT



◆SPECIFICATIONS

- Current rating: 1A AC, DC
- Voltage rating: 125V AC,DC
- Temperature range: -40°C ~ +105°C
- Insulation resistance: 100MΩ Min.
- Withstanding voltage: 250V AC/ minute.
- Contact resistance: 20mΩ Max.

Material:

Insulator: PA46/PA9T/LCP UL 94V-0

Contact: Brass

Plating: Tin plated over Nickel

Circuits: 2~16

Suitable: KR1250 series Housing

Ordering Code:

C1250VD1****T010*PA

102: 2P

116: 16P

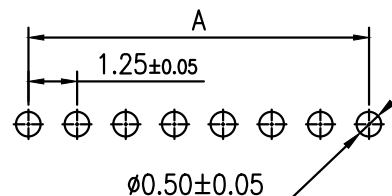
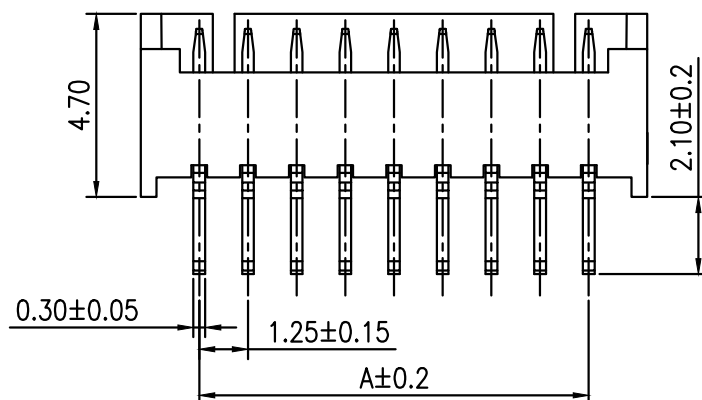
07:PA46 ecru

11:PA9T ecru

13:LCP ecru

P:bags

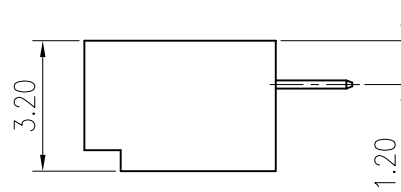
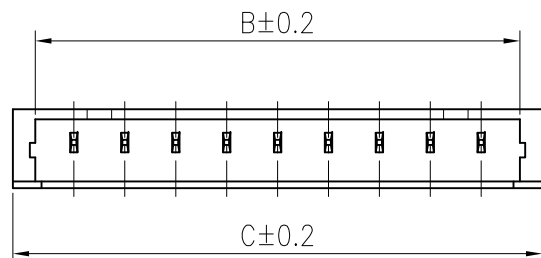
00:Halogen free
01:Conventional
products



Recommended P.C.Board Layout

Cicuits	A	B	C	Cicuits	A	B	C
2	1.25	3.15	4.25	10	11.25	13.15	14.25
3	2.50	4.40	5.50	11	12.50	14.40	15.50
4	3.75	5.65	6.75	12	13.75	15.65	16.75
5	5.00	6.90	8.00	13	15.00	16.90	18.00
6	6.25	8.15	9.25	14	16.25	18.15	19.25
7	7.50	9.40	10.50	15	17.50	19.40	20.50
8	8.75	10.65	11.75	16	18.75	20.65	21.75
9	10.00	11.90	13.00				

TOLERANCE				TITLE:		DRAWN: Shen 2021.08.30		KONNRA 东莞市康瑞电子有限公司	
F	A5	Uniformly arrange the drawings	Shen	2021.08.30	MX1.25 DIP 180°WF	CHECKED:		DongGuan Konnra Electronics Co.,Ltd.	
	A4	ADD Phosphor bronze Specification	TLX	2020.03.20		APPROVED:		PART NO.:C1250VD1****T0101PA	
	MARK	REVISION DESCRIPTION	SIGNATURE	DATE		UNIT:mm	SCALE:1/1	SHEET:1/1	PROJECTION
Angle ±3°								REV.:A5	DRAWING NO.:1250WVD102-A-S
1	2	3	4	5	6	7	8	9	



◆ SPECIFICATIONS

- Current rating: 1A AC, DC
- Voltage rating: 125V AC, DC
- Temperature range: -40°C ~ +105°C
- Insulation resistance: 100MΩ Min.
- Withstanding voltage: 250V AC/ minute.
- Contact resistance: 20mΩ Max.

Material:

Insulator: LCP UL 94V-0

Contact: Phosphor bronze 

Plating: Tin plated over Nickel

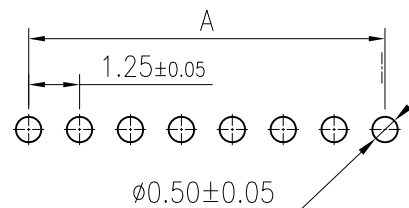
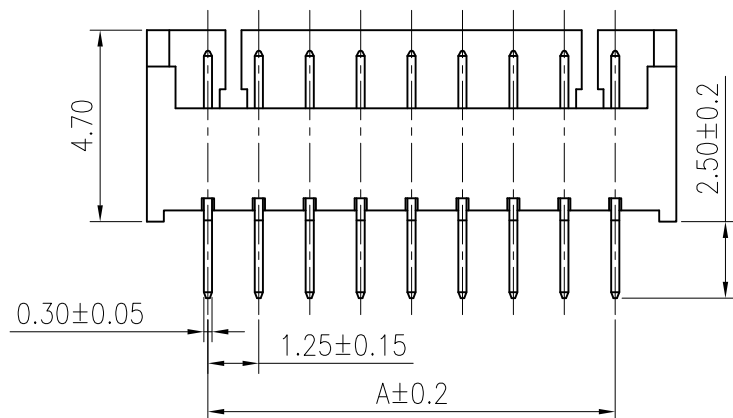
Circuits: 2~16

Suitable: KR1250 series Housing

Ordering Code: C1250VD***13T0102PA

102: 2P

116: 16P



Recommended P.C.Board Layout

Cicuits	A	B	C	Cicuits	A	B	C
2	1.25	3.15	4.25	10	11.25	13.15	14.25
3	2.50	4.40	5.50	11	12.50	14.40	15.50
4	3.75	5.65	6.75	12	13.75	15.65	16.75
5	5.00	6.90	8.00	13	15.00	16.90	18.00
6	6.25	8.15	9.25	14	16.25	18.15	19.25
7	7.50	9.40	10.50	15	17.50	19.40	20.50
8	8.75	10.65	11.75	16	18.75	20.65	21.75
9	10.00	11.90	13.00				



Uniformly arrange the drawings

Shen

2021.08.30



ADD Phosphor bronze Specification

TLX

2020.03.20

MARK

REVISION DESCRIPTION

SIGNATURE

DATE

TOLERANCE

X.X ±0.30

X.XX ±0.20

X.XXX ±0.10

Angle ±3°

TITLE:
MX1.25 DIP 180°WF
Lengthen

DRAWN: Shen 2021.08.30

CHECKED:

APPROVED:

UNIT:mm

SCALE:1/1

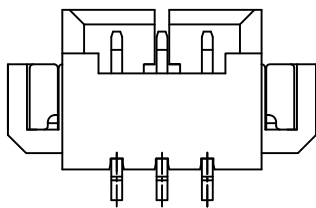
SHEET:1/1

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

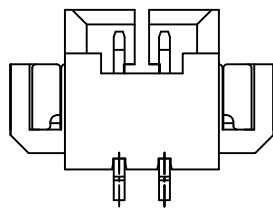
PART NO.:C1250VD***13T0102PA

REV.:A3 DRAWING NO.:1250WVD102-A-S

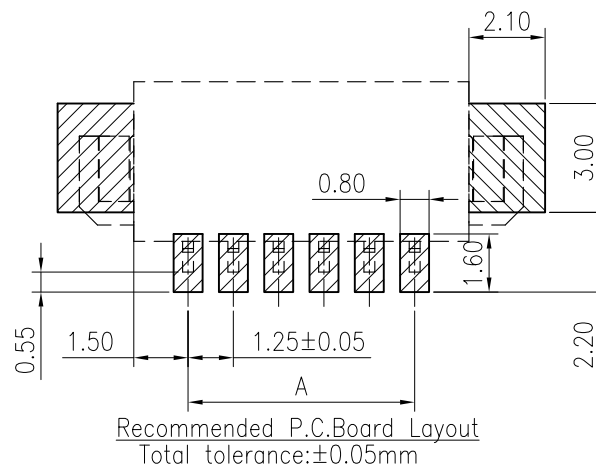
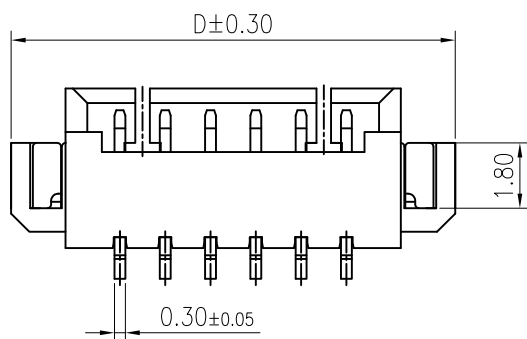
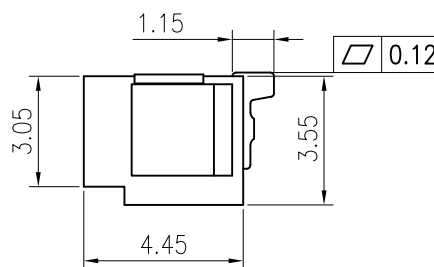
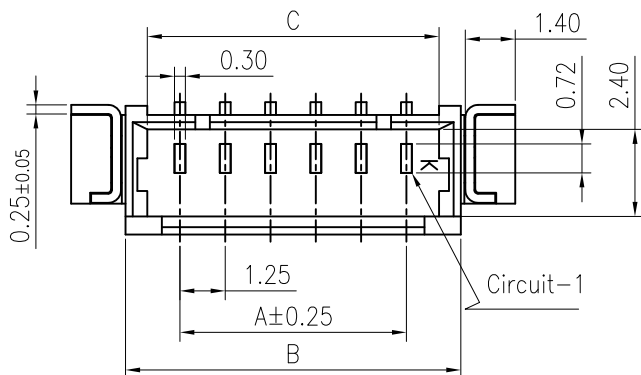
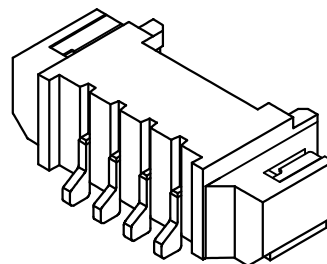
RoHS
COMPLIANT



3 Circuits



2 Circuits



◆ SPECIFICATIONS

- Current rating: 1A AC, DC
- Voltage rating: 125V AC, DC
- Temperature range: -40°C ~ +105°C
- Insulation resistance: 100MΩ Min.
- Withstanding voltage: 250V AC/ minute.
- Contact resistance: 20mΩ Max.

Material:

Insulator: LCP/PA46, UL 94V-0

Contact: Brass

Solder Tab: Brass

Plating: Gold plated or Matte-Tin plated over Nickel

Circuits: 2~16

Suitable: KR1250 series Housing

Ordering Code:

C1250RS 1*** ** 01 * A

102=2P

116=16P

R:Reel

P:Bag

07:PA46 ecru

13:LCP ecru

14:LCP black

M01:Matte tin plating

G02:Gold plated 1u"

PIN NO.	DIMENSIONS			
	A	B	C	D
2	1.25	4.25	3.05	7.25
3	2.50	5.50	4.30	8.50
4	3.75	6.75	5.55	9.75
5	5.00	8.00	6.80	11.00
6	6.25	9.25	8.05	12.25
7	7.50	10.50	9.30	13.50
8	8.75	11.75	10.55	14.75
9	10.00	13.00	11.80	16.00
10	11.25	14.25	13.05	17.25
11	12.50	15.50	14.30	18.50
12	13.75	16.75	15.55	19.75
13	15.00	18.00	16.80	21.00
14	16.25	19.25	18.05	22.25
15	17.50	20.50	19.30	23.50
16	18.75	21.75	20.55	24.75



Uniformly arrange the drawings

Shen

2021.08.30



Change the part number and frame format

TLX

2020.03.20

MARK

REVISION DESCRIPTION

SIGNATURE

DATE

TOLERANCE

X.X ±0.30

X.XX ±0.20

X.XXX ±0.10

Angle ±3°

TITLE:

MX1.25 SMT 90°WF

DRAWN: Shen 2021.08.30

CHECKED:

APPROVED:

UNIT:mm

SCALE:1/1

SHEET:1/1

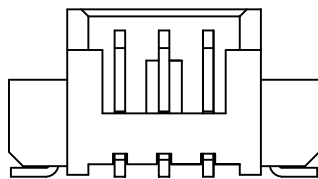
PROJECTION

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DongGuan Konnra Electronics Co.,Ltd.

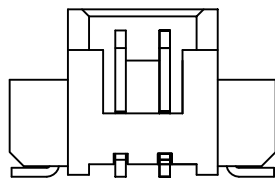
PART NO.:C1250RS1*****01*A

REV.:A5 DRAWING NO.:1250WHS101-A-S

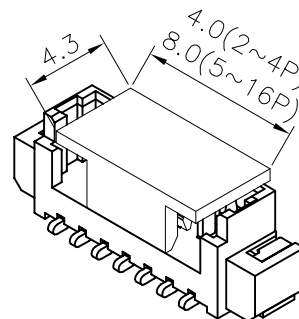
RoHS
COMPLIANT



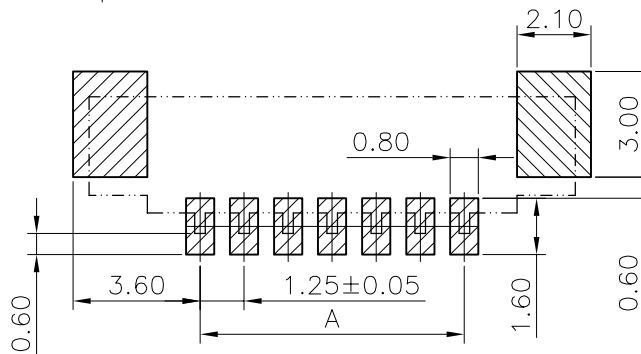
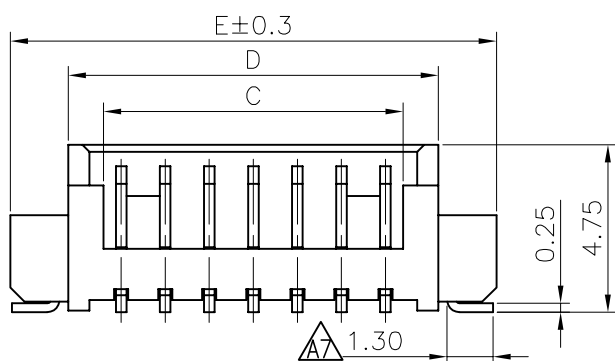
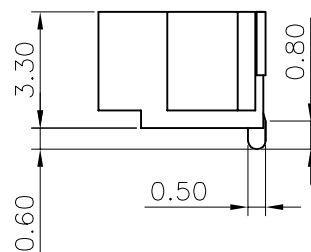
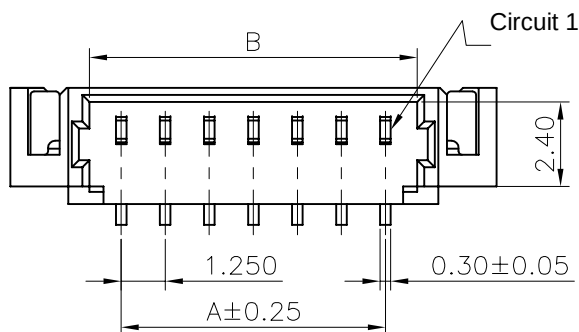
3 PIN



2 PIN



WITH CAP VIEW



Recommended P.C.Board Layout

◆ SPECIFICATIONS

- Current rating: 1A AC, DC
- Voltage rating: 125V AC,DC
- Temperature range: -40°C ~ +105°C
- Insulation resistance: 100MΩ Min.
- Withstanding voltage: 250V AC/ minute.
- Contact resistance: 20mΩ Max.

Material:

Insulator: LCP/PA46 UL 94V-0

Contact: Brass

Solder Tab: Brass

Plating: Matte Tin or gold plated over Nickel

Circuits: 2~16

Suitable: KR1250 series Housing

Odering Code:

C1250VS 1** ** 01 * A

102=2P

116=16P

R:Reel

P:Bag

07:PA46 ecru

08:PA46 black

13:LCP ecru

34:PA46 red

M01:Matte tin plating

G02:Gold plated 1u"

CTK	DIMENSIONS				
	A	B	C	D	E
2	1.25	3.05	2.25	4.25	7.25
3	2.50	4.30	3.50	5.50	8.50
4	3.75	5.55	4.75	6.75	9.75
5	5.00	6.80	6.00	8.00	11.00
6	6.25	8.05	7.25	9.25	12.25
7	7.50	9.30	8.50	10.50	13.50
8	8.75	10.55	9.75	11.75	14.75
9	10.00	11.80	11.00	13.00	16.00
10	11.25	13.05	12.25	14.25	17.25
11	12.50	14.30	13.50	15.50	18.50
12	13.75	15.55	14.75	16.75	19.75
13	15.00	16.80	16.00	18.00	21.00
14	16.25	18.05	17.25	19.25	22.25
15	17.50	19.30	18.50	20.50	23.50
16	18.75	20.55	19.75	21.75	24.75



Uniformly arrange the drawings

Shen

2021.08.30

TOLERANCE

X.X ±0.30

X.XX ±0.20

X.XXX ±0.10

Angle ±3°

TITLE:

MX1.25 SMT 180° WF

DRAWN: Shen 2022.05.10

CHECKED:

APPROVED:

UNIT:mm

SCALE:1/1

SHEET:1/1

PROJECTION

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PART NO.:C1250VS1*****01*A

REV.:A7 DRAWING NO.:1250WVS101-A-S

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