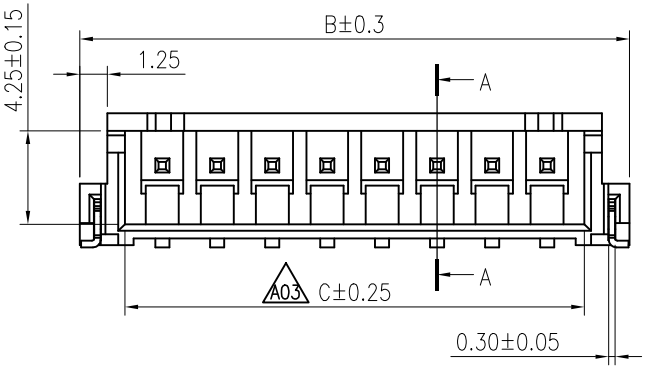
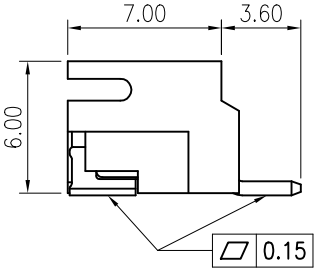
RoHS COMPLIANT

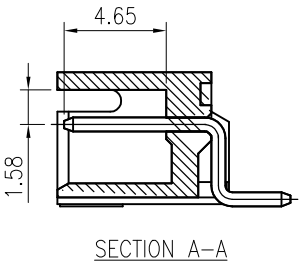
SPECIFICATIONS
1.Current rating: 3A AC, DC
2.Voltage rating: 250V AC,DC
3.Temperature range: -40°C ~ +105°C
4.Insulation resistance: 1000MΩ Min.
5.Withstanding voltage: 1000V AC/ minute.
6.Contact resistance: 20mΩ Max.

Material:
Insulator: Nylon 9T UL 94V-0
Contact: Brass
Solder Nail: Brass
Plating: Tin plated over Nickel
Circuits: 2~16
Mates: KR2502 series Housing

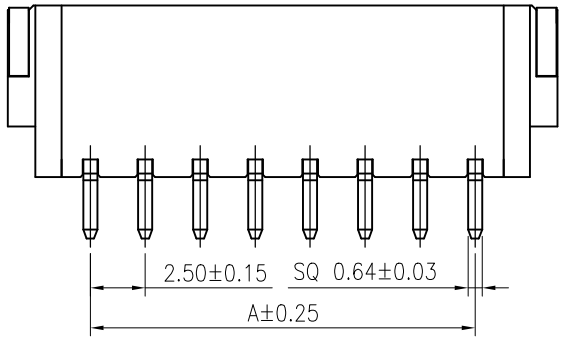
Ordering code:
C25021S *** 11 M0111RA
102:2P
116:16P
11=PA9T Natural
12=PA9T Black

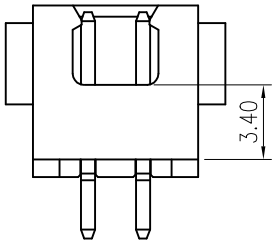




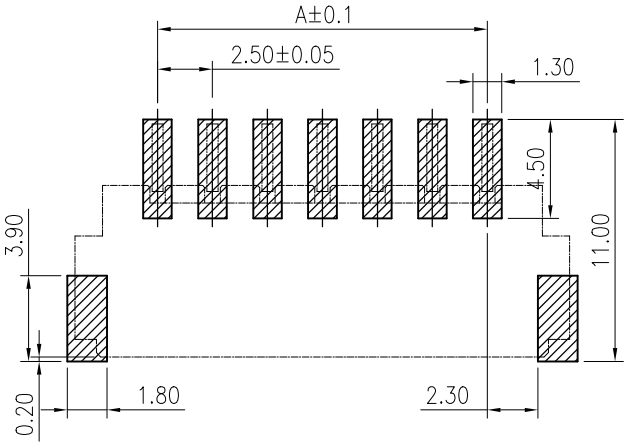


SECTION A–A





2 Circuits



Recommended P.C.Board Layout

CKT.	Dimension		
	A	B	C
2	2.50	10.00	5.90
3	5.00	12.50	8.40
4	7.50	15.00	10.90
5	10.00	17.50	13.40
6	12.50	20.00	15.90
7	15.00	22.50	18.40
8	17.50	25.00	20.90
9	20.00	27.50	23.40
10	22.50	30.00	25.90
11	25.00	32.50	28.40
12	27.50	35.00	30.90
13	30.00	37.50	33.40
14	32.50	40.00	35.90
15	35.00	42.50	38.40
16	37.50	45.00	40.90

LTR	REVISION DESCRIPTION	SIGNATURE	DATE
A03	Uniformly arrange the drawings	WY	2026.08.29
A02	Uniformly arrange the drawings	ZSZ	2021.09.22
A01	Release of new drawings	Cai	2020.08.21

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

TITLE: XH2.5 SMT 90° WF B Type

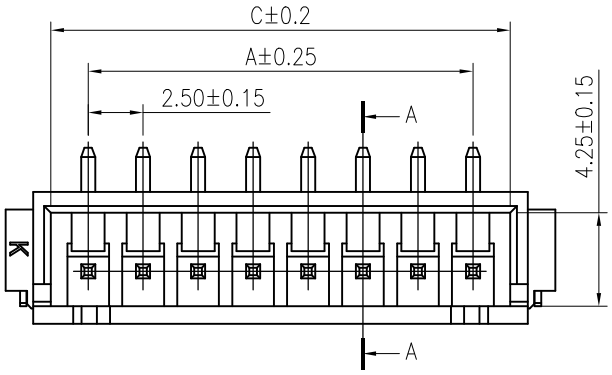
UNIT:mm | SCALE:N/A

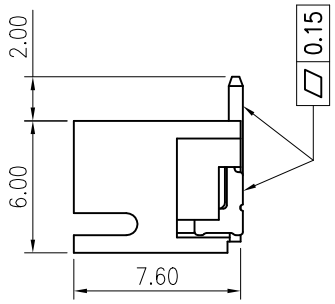
DRAWN: WY 2026.08.29
CHECKED:
APPROVED:
SHEET:1/1 | PROJECTION

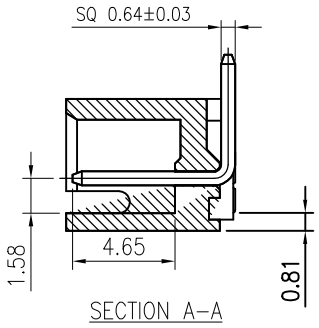
KONNRA 东莞市康瑞电子有限公司
DongGuan Konnra Electronics Co.,Ltd.

PART NO.:C2501RS*****M0111RA
VER.:A03 | DRAWING NO.:2501WHS11-A-S

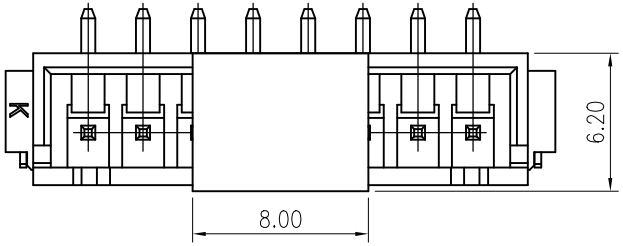
RoHS COMPLIANT



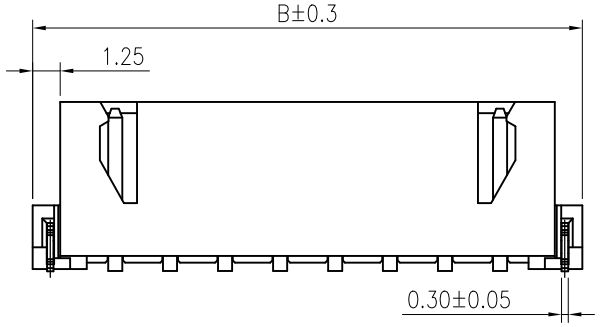


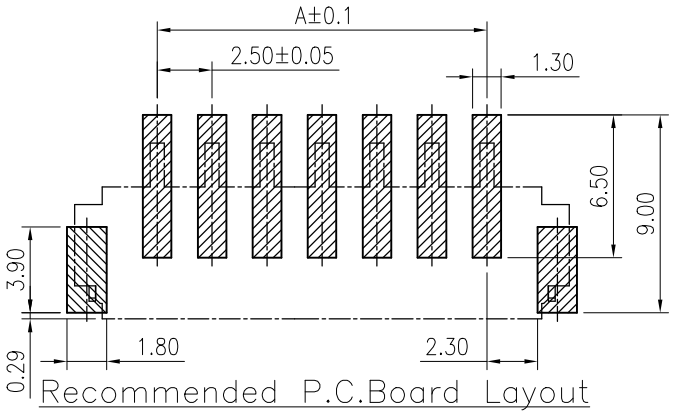


SECTION A-A



WITH COVER





Recommended P.C.Board Layout

SPECIFICATIONS

1.Current rating: 3A AC, DC
2.Voltage rating: 250V AC,DC
3.Temperature range: -40°C ~ +105°C
4.Insulation resistance: 1000MΩ Min.
5.Withstanding voltage: 1000V AC/ minute.
6.Contact resistance: 20mΩ Max.

Material:
Insulator: Nylon 9T/LCP UL 94V-0
Contact: Brass
Solder Nail: Brass
Plating: Tin plated over Nickel
Circuits: 2~16
Mates: KR2501 series Housing

Ordering code:

C2501VS1**11M0101RA
102:2P
116:16P
11=PA9T Natural

CKT.	Dimension		
	A	B	C
02	2.50	10.00	5.90
03	5.00	12.50	8.40
04	7.50	15.00	10.90
05	10.00	17.50	13.40
06	12.50	20.00	15.90
07	15.00	22.50	18.40
08	17.50	25.00	20.90
09	20.00	27.50	23.40
10	22.50	30.00	25.90
11	25.00	32.50	28.40
12	27.50	35.00	30.90
13	30.00	37.50	33.40
14	32.50	40.00	35.90
15	35.00	42.50	38.40
16	37.50	45.00	40.90

LTR	REVISION DESCRIPTION	SIGNATURE	DATE
A03	Uniformly arrange the drawings	WY	2026.08.29
A02	Uniformly arrange the drawings	ZSZ	2021.09.22
A01	Change the part number and frame format	Arvin	2020.01.16

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

TITLE: XH2.5 SMT 180° WF

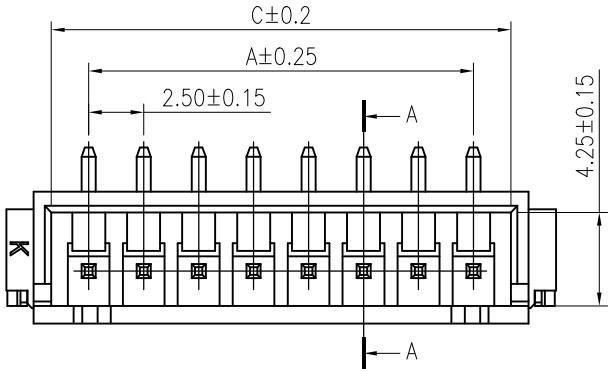
UNIT:mm SCALE:N/A

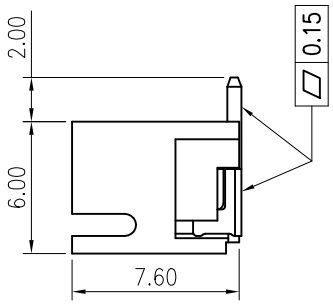
DRAWN: WY 2026.08.29
CHECKED:
APPROVED:
SHEET:1/1 PROJECTION

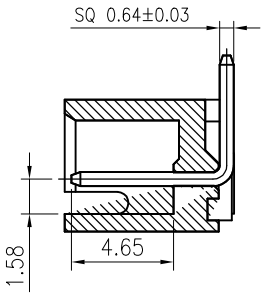
KONNRA 东莞市康瑞电子有限公司
DongGuan Konnra Electronics Co.,Ltd.

PART NO.:C2501VS1**11M0101RA
VER.:A03 DRAWING NO.:2501WVS101-A-S

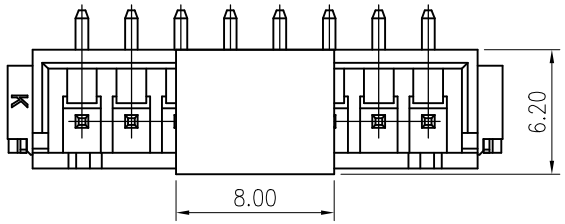
RoHS COMPLIANT



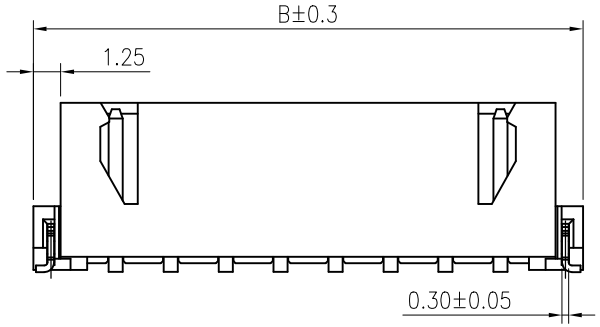


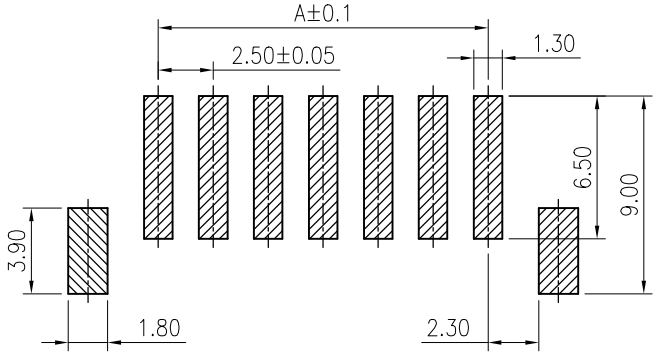


SECTION A–A



WITH COVER





Recommended P.C.Board Layout

SPECIFICATIONS
1.Current rating: 3A AC, DC
2.Voltage rating: 250V AC,DC
3.Temperature range: -40°C ~ +105°C
4.Insulation resistance: 1000MΩ Min.
5.Withstanding voltage: 1000V AC/ minute.
6.Contact resistance: 20mΩ Max.

Material:
Insulator: Nylon 9T/LCP UL 94V-0
Contact: Brass
Solder Nail: Brass
Plating: Tin plated over Nickel
Circuits: 2~16
Mates: KR2501 series Housing

Ordering code:
C2501VS1**11M0111RA
102:2P
116:16P
11=PA9T Natural

CKT.	Dimension		
	A	B	C
02	2.50	10.00	5.90
03	5.00	12.50	8.40
04	7.50	15.00	10.90
05	10.00	17.50	13.40
06	12.50	20.00	15.90
07	15.00	22.50	18.40
08	17.50	25.00	20.90
09	20.00	27.50	23.40
10	22.50	30.00	25.90
11	25.00	32.50	28.40
12	27.50	35.00	30.90
13	30.00	37.50	33.40
14	32.50	40.00	35.90
15	35.00	42.50	38.40
16	37.50	45.00	40.90

LTR	REVISION DESCRIPTION	SIGNATURE	DATE
A03	Uniformly arrange the drawings	WY	2026.08.29
A02	Uniformly arrange the drawings	ZSZ	2021.09.22
A01	Release of new drawings	Cai	2020.08.21

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

TITLE: XH2.5 SMT 180° WF B Type

UNIT:mm | SCALE:N/A

DRAWN: WY 2026.08.29
CHECKED:
APPROVED:

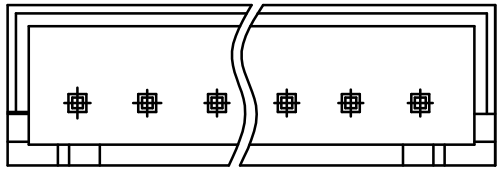
SHEET:1/1 | PROJECTION

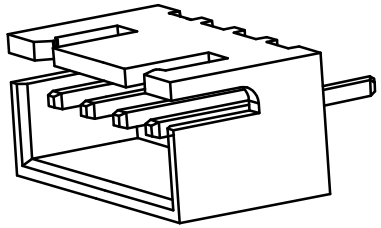
KONNRA 东莞市康瑞电子有限公司
DongGuan Konnra Electronics Co.,Ltd.

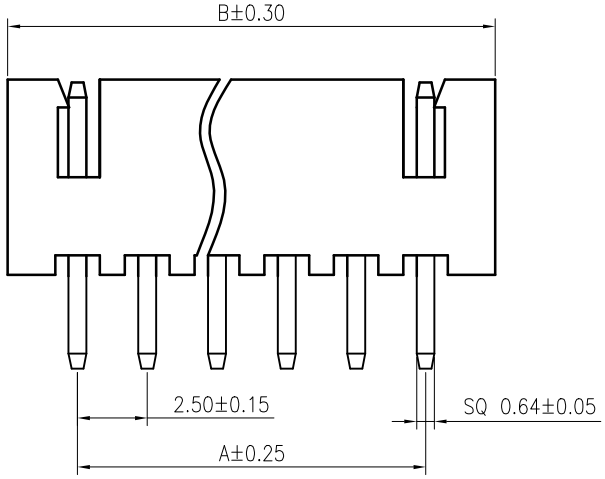
PART NO.:C2501VS***11M0111RA

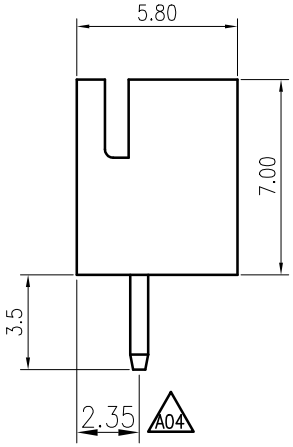
VER.:A03 | DRAWING NO.:2501WVS11-A-S

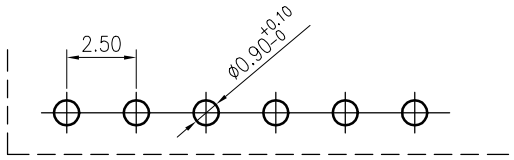
RoHS COMPLIANT











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

SPECIFICATIONS
1. Current rating: 3A AC, DC
2. Voltage rating:250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ/ min.
5. Withstanding voltage: 1000V AC/ minute.
6. Contact resistance: 20mΩ/ max.

Material:
Insulator: PA66 UL94 V-0
Contact: Brass
Plating: Tin plated over Nickel
Mate with KR2501 series housing

Ordering Code:

C2501VD *** 01 T01 02PD

No.of Circuits
102:2P,116:16P

Insulator Material
01:PA66 White V0
22:PA66 Red V0
22:PA66 Beige V0

Plating
T01:Tin plated

Circuits	Dimensions		Circuits	Dimensions	
	A	B		A	B
2	2.50	7.50	10	22.50	27.50
3	5.00	10.00	11	25.00	30.00
4	7.50	12.50	12	27.50	32.50
5	10.00	15.00	13	30.00	35.00
6	12.50	17.50	14	32.50	37.50
7	15.00	20.00	15	35.00	40.00
8	17.50	22.50	16	37.50	42.50
9	20.00	25.00			

MARK	REVISION DESCRIPTION	SIGNATURE	DATE
A05	Uniformly arrange the drawings	WY	2026.08.29
A04	Add Dimensions	ZSZ	2022.06.13
A03	Uniformly arrange the drawings	Shen	2022.01.13

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

TITLE:
XH2.5 DIP 180°
Wafer No K

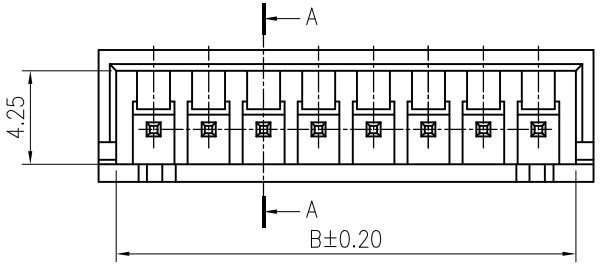
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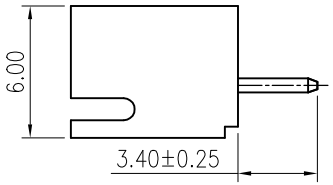
DRAWN: WY 2026.08.29
CHECKED:
APPROVED:
SHEET:1/1 | PROJECTION

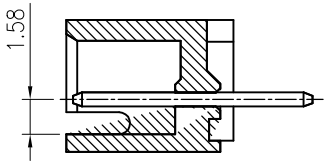
KONNRA 东莞市康瑞电子有限公司
DongGuan Konnra Electronics Co.,Ltd.

PART NO.:C2501VD***01T0102PD
REV.:A05 | DRAWING NO.:2501WVD102-D-S

RoHS COMPLIANT





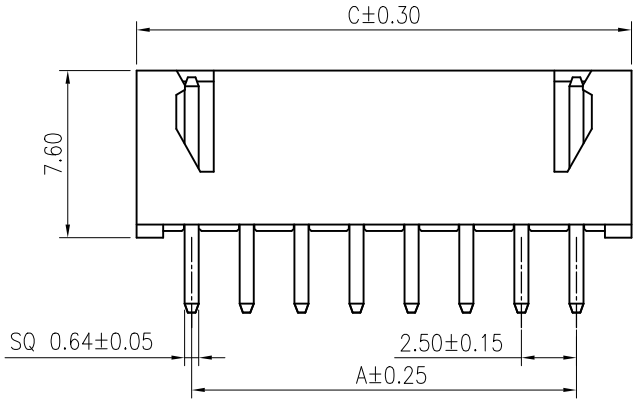


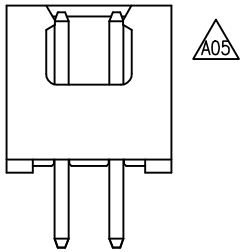
SECTION A–A

SPECIFICATIONS
1.Current rating: 3A AC, DC
2.Voltage rating: 250V AC,DC
3.Temperature range: -40°C ~ +105°C
4.Insulation resistance: 1000MΩ Min.
5.Withstanding voltage: 1000V AC/ minute.
6.Contact resistance: 20mΩ Max.

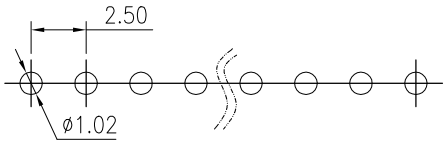
Material:
Insulator: PA9T UL 94V-0
Contact: Brass
Plating: Tin plated over Nickel
Circuits: 2~16
Mates: KR2501 series Housing

Ordering code:
C2501VD *** 11 T0102PA
102: 2P
116: 16P
11: PA9T Natural





2 PIN



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

PIN NO.	DIMENSIONS		
	A	B	C
2P	2.50	5.90	7.50
3P	5.00	8.40	10.00
4P	7.50	10.90	12.50
5P	10.00	13.40	15.00
6P	12.50	15.90	17.50
7P	15.00	18.40	20.00
8P	17.50	20.90	22.50
9P	20.00	23.40	25.00
10P	22.50	25.90	27.50
11P	25.00	28.40	30.00
12P	27.50	30.90	32.50
13P	30.00	33.40	35.00
14P	32.50	35.90	37.50
15P	35.00	38.40	40.00
16P	37.50	40.90	42.50

LTR	REVISION DESCRIPTION	SIGNATURE	DATE
A06	Uniformly arrange the drawings	WY	2026.08.29
A05	Correct 2P view	Arvin	2022.09.27
A04	Change material description	ZSZ	2022.02.18

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

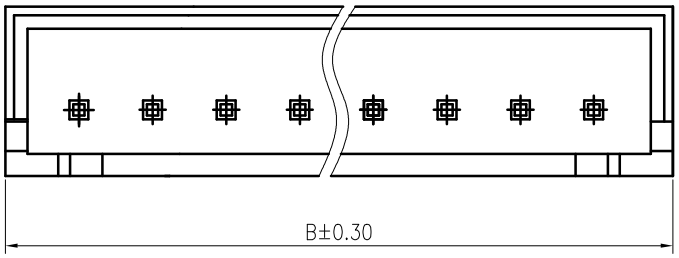
TITLE:
XH2.5 DIP 180°
Wafer No K

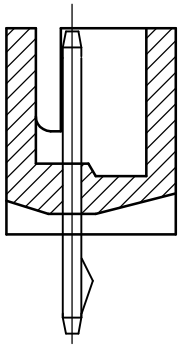
UNIT:mm | SCALE:N/A

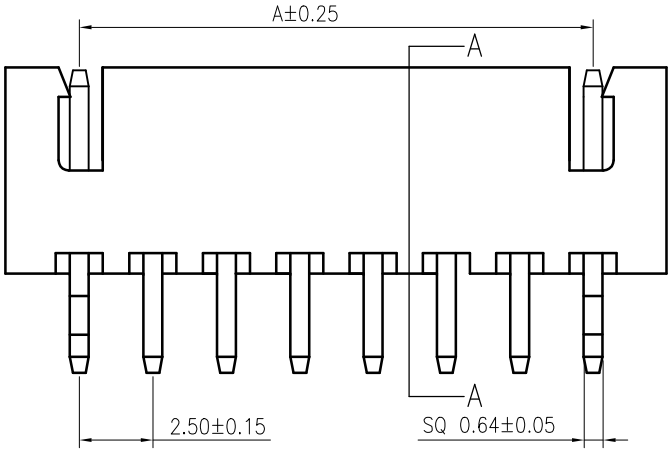
DRAWN: WY 2026.08.29
CHECKED:
APPROVED:
SHEET:1/1 | PROJECTION

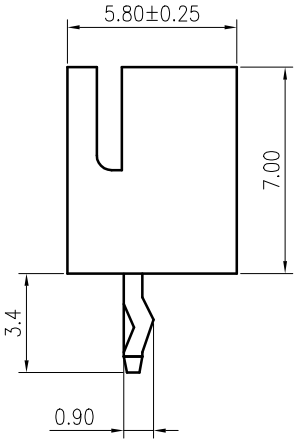
KONNRA 东莞市康瑞电子有限公司
DongGuan Konnra Electronics Co.,Ltd.
PART NO.:C2501VD***11T0102PA
VER.:A06 | DRAWING NO.:2501WVD102-A-S

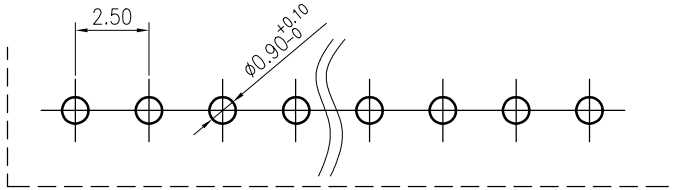
RoHS COMPLIANT











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

SPECIFICATIONS
1. Current rating: 3A AC, DC
2. Voltage rating:250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ/ min.
5. Withstanding voltage: 1000V AC/ minute.
6. Contact resistance: 20mΩ/ max.

Material:
Insulator: PA66 UL94 V-0
Contact: Brass
Plating: Tin plated over Nickel
Mate with KR2501 series housing

Ordering Code:

C2501VD *** 01 T01 01PD
- No.of Circuits 102:02,116:16
- Insulator Material 01:PA66 White V0
- Plating T01:Tin plated

Circuits	Dimensions		Circuits	Dimensions	
	A	B		A	B
2	2.50	7.50	10	22.50	27.50
3	5.00	10.00	11	25.00	30.00
4	7.50	12.50	12	27.50	32.50
5	10.00	15.00	13	30.00	35.00
6	12.50	17.50	14	32.50	37.50
7	15.00	20.00	15	35.00	40.00
8	17.50	22.50	16	37.50	42.50
9	20.00	25.00			

MARK	REVISION DESCRIPTION	SIGNATURE	DATE
A04	Uniformly arrange the drawings	WY	2026.08.29
A03	Uniformly arrange the drawings	Shen	2022.01.13

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

TITLE: XH2.5 DIP 180° Wafer Have K

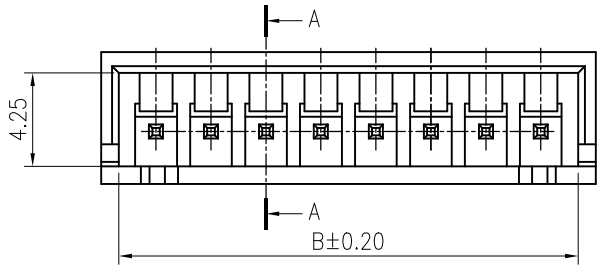
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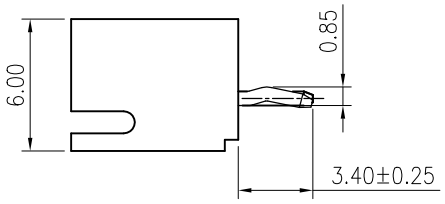
DRAWN: WY 2026.08.29
CHECKED:
APPROVED:
SHEET:1/1 | PROJECTION

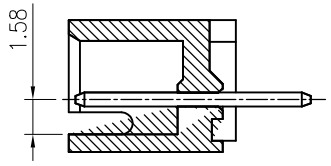
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DongGuan Konnra Electronics Co.,Ltd.

PART NO.:C2501VD***01T0101PD
REV.:A04 | DRAWING NO.:2501WVD101-D-S

RoHS COMPLIANT





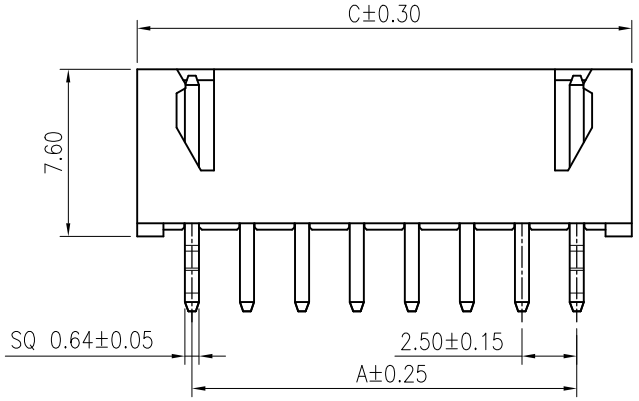


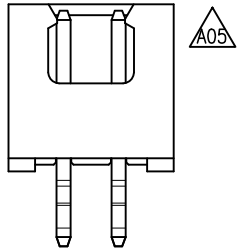
SECTION A–A

SPECIFICATIONS
1.Current rating: 3A AC, DC
2.Voltage rating: 250V AC,DC
3.Temperature range: -40°C ~ +105°C
4.Insulation resistance: 1000MΩ Min.
5.Withstanding voltage: 1000V AC/ minute.
6.Contact resistance: 20mΩ Max.

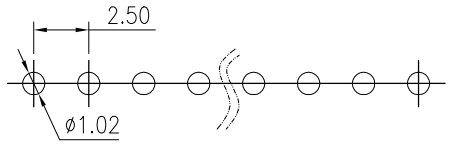
Material:
Insulator: PA9T UL 94V-0
Contact: Brass
Plating: Tin plated over Nickel
Circuits: 2~16
Mates: KR2501 series Housing

Ordering code:
C2501VD *** 11 T0101PA
102: 2P
116: 16P
11: PA9T Natural





2 PIN



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

PIN NO.	DIMENSIONS		
	A	B	C
2P	2.50	5.90	7.50
3P	5.00	8.40	10.00
4P	7.50	10.90	12.50
5P	10.00	13.40	15.00
6P	12.50	15.90	17.50
7P	15.00	18.40	20.00
8P	17.50	20.90	22.50
9P	20.00	23.40	25.00
10P	22.50	25.90	27.50
11P	25.00	28.40	30.00
12P	27.50	30.90	32.50
13P	30.00	33.40	35.00
14P	32.50	35.90	37.50
15P	35.00	38.40	40.00
16P	37.50	40.90	42.50

LTR	REVISION DESCRIPTION	SIGNATURE	DATE
A06	Uniformly arrange the drawings	WY	2026.08.29
A05	Correct 2P view	Arvin	2022.09.28
A04	Change material description	ZSZ	2022.02.18

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

TITLE:
XH2.5 DIP 180°
Wafer Strike K

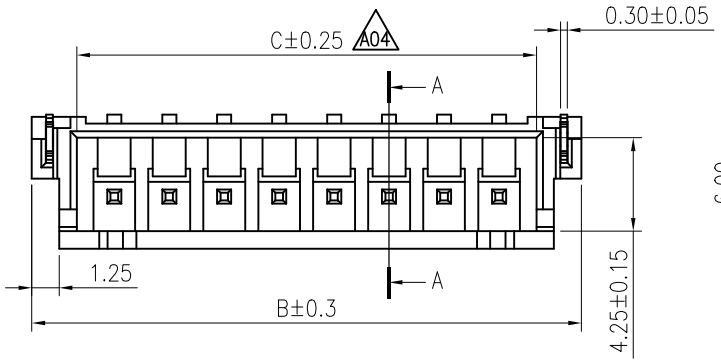
UNIT:mm | SCALE:N/A

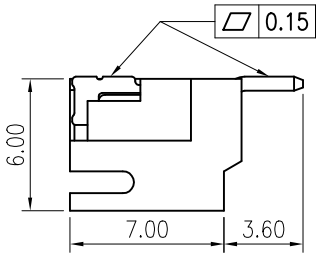
DRAWN: WY 2026.08.29
CHECKED:
APPROVED:
SHEET:1/1 | PROJECTION

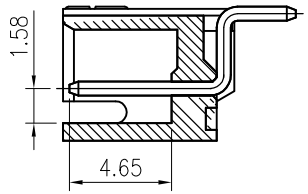
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DongGuan Konnra Electronics Co.,Ltd.

PART NO.:C2501VD***11T0101PA
VER.:A06 | DRAWING NO.:2501WVD101-A-S

RoHS COMPLIANT







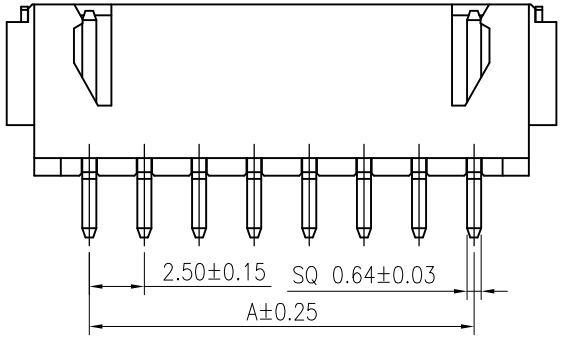
SECTION A–A

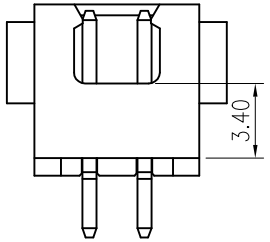
SPECIFICATIONS
1.Current rating: 3A AC, DC
2.Voltage rating: 250V AC,DC
3.Temperature range: -40°C ~ +105°C
4.Insulation resistance: 1000MΩ Min.
5.Withstanding voltage: 1000V AC/ minute.
6.Contact resistance: 20mΩ Max.

Material:
Insulator: Nylon 9T UL 94V-0
Contact: Brass
Solder Nail: Brass
Plating: Tin plated over Nickel
Circuits: 2~16
Mates: KR2501 series Housing

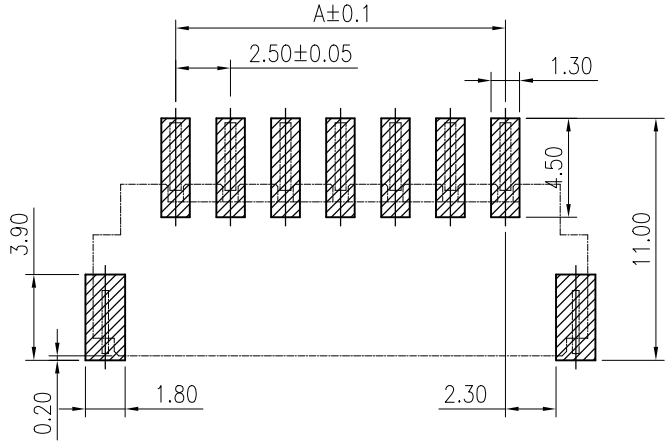
Ordering code:

C2501RS *** 11 M0101RA
102:2P
116:16P
11=PA9T Natural
12=PA9T Black





2 Circuits



Recommended P.C.Board Layout

CKT.	Dimension		
	A	B	C
2	2.50	10.00	5.90
3	5.00	12.50	8.40
4	7.50	15.00	10.90
5	10.00	17.50	13.40
6	12.50	20.00	15.90
7	15.00	22.50	18.40
8	17.50	25.00	20.90
9	20.00	27.50	23.40
10	22.50	30.00	25.90
11	25.00	32.50	28.40
12	27.50	35.00	30.90
13	30.00	37.50	33.40
14	32.50	40.00	35.90
15	35.00	42.50	38.40
16	37.50	45.00	40.90

LTR	REVISION DESCRIPTION	SIGNATURE	DATE
A04	Uniformly arrange the drawings	WY	2026.08.29
A03	Uniformly arrange the drawings	ZSZ	2021.09.22
A02	Modify Size	Arvin	2020.05.27

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

TITLE: XH2.5 SMT 90° WF

UNIT:mm | SCALE:N/A

DRAWN: WY 2026.08.29
CHECKED:
APPROVED:

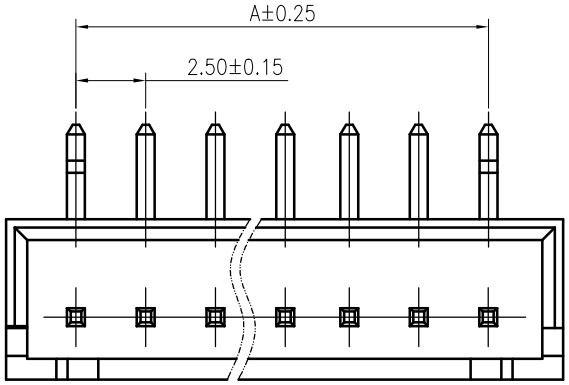
SHEET:1/1 | PROJECTION

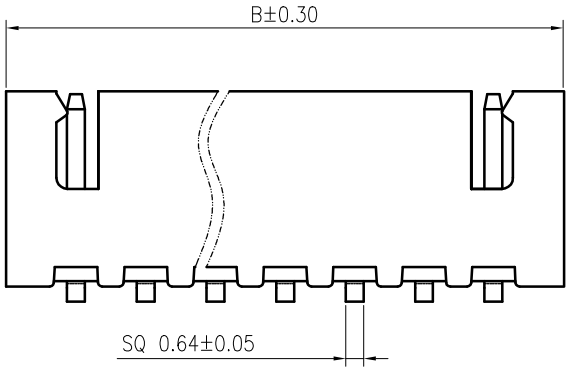
KONNRA 东莞市康瑞电子有限公司
DongGuan Konnra Electronics Co.,Ltd.

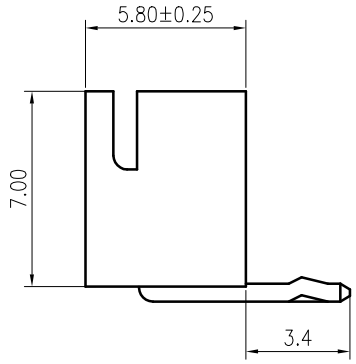
PART NO.:C2501RS*****M0101RA

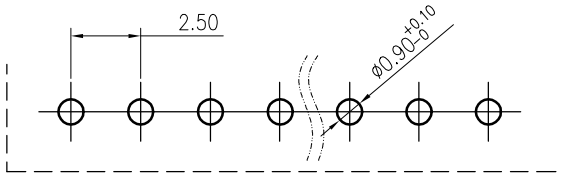
VER.:A04 | DRAWING NO.:2501WRS101-A-S

RoHS COMPLIANT









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

SPECIFICATIONS
1. Current rating: 3A AC, DC
2. Voltage rating:250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ/ min.
5. Withstanding voltage: 1000V AC/ minute.
6. Contact resistance: 20mΩ/ max.

Material:
Insulator: PA66 UL94 V-0
Contact: Brass
Plating: Tin plated over Nickel
Mate with KR2501 series housing

Ordering Code:

C2501RD *** 01 T01 03PD
- No.of Circuits 102:2P,116:16P
- Insulator Material 01:PA66 White V0
- Plating T01:Tin plated

Circuits	Dimensions		Circuits	Dimensions	
	A	B		A	B
2	2.50	7.50	10	22.50	27.50
3	5.00	10.00	11	25.00	30.00
4	7.50	12.50	12	27.50	32.50
5	10.00	15.00	13	30.00	35.00
6	12.50	17.50	14	32.50	37.50
7	15.00	20.00	15	35.00	40.00
8	17.50	22.50	16	37.50	42.50
9	20.00	25.00			

MARK	REVISION DESCRIPTION	SIGNATURE	DATE
A03	Uniformly arrange the drawings	WY	2026.08.29
A02	Uniformly arrange the drawings	Shen	2022.01.13

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

TITLE: XH2.5 DIP 90° Wafer No positioning have K

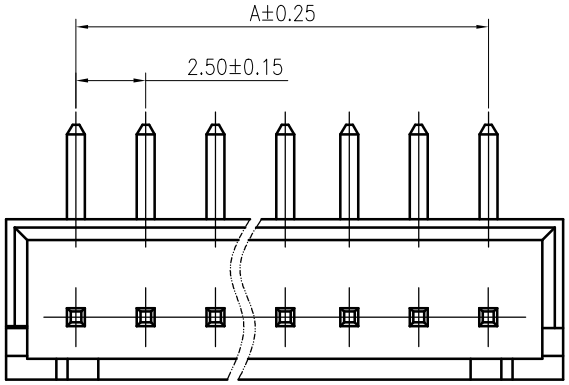
UNIT:mm | SCALE:N/A

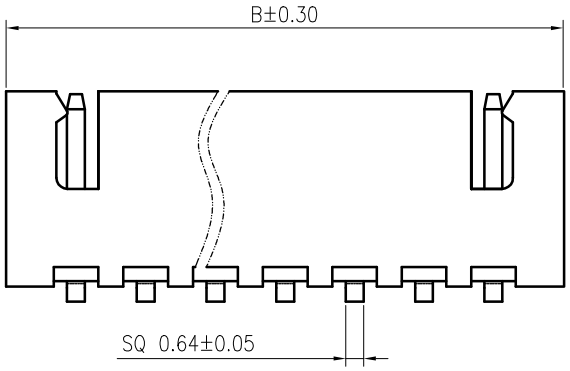
DRAWN: WY 2026.08.29
CHECKED:
APPROVED:
SHEET:1/1 | PROJECTION

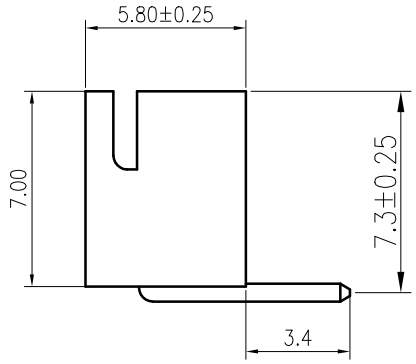
KONNRA 东莞市康瑞电子有限公司
DongGuan Konnra Electronics Co.,Ltd.

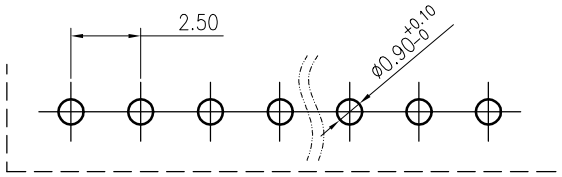
PART NO.:C2501RD***01T0103PD
REV.:A03 | DRAWING NO.:2501WRD103-D-S

RoHS COMPLIANT









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

SPECIFICATIONS
1. Current rating: 3A AC, DC
2. Voltage rating:250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ/ min.
5. Withstanding voltage: 1000V AC/ minute.
6. Contact resistance: 20mΩ/ max.

Material:
Insulator: PA66 UL94 V-0
Contact: Brass
Plating: Tin plated over Nickel
Mate with KR2501 series housing

Ordering Code:

C2501RD *** 01 T01 02PD
- No.of Circuits 102:2P,116:16P
- Insulator Material 01:PA66 White V0
- Plating T01:Tin plated

Circuits	Dimensions		Circuits	Dimensions	
	A	B		A	B
2	2.50	7.50	10	22.50	27.50
3	5.00	10.00	11	25.00	30.00
4	7.50	12.50	12	27.50	32.50
5	10.00	15.00	13	30.00	35.00
6	12.50	17.50	14	32.50	37.50
7	15.00	20.00	15	35.00	40.00
8	17.50	22.50	16	37.50	42.50
9	20.00	25.00			

MARK	REVISION DESCRIPTION	SIGNATURE	DATE
A05	Uniformly arrange the drawings	WY	2026.08.29
A04	Add Dimensions	Shen	2022.01.13
A03	Uniformly arrange the drawings	Shen	2022.01.13

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

TITLE: XH2.5 DIP 90° Wafer No positioning No K

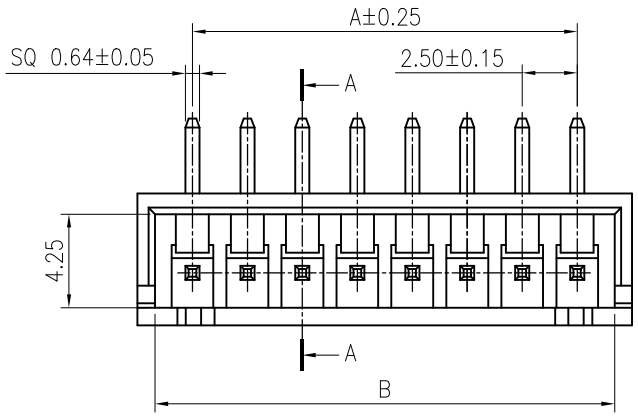
UNIT:mm | SCALE:N/A

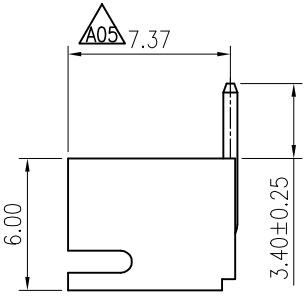
DRAWN: WY 2026.08.29
CHECKED:
APPROVED:
SHEET:1/1 | PROJECTION

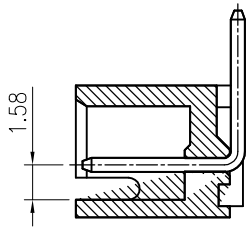
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DongGuan Konnra Electronics Co.,Ltd.

PART NO.:C2501RD***01T0102PD
REV.:A05 | DRAWING NO.:2501WRD102-D-S

RoHS COMPLIANT







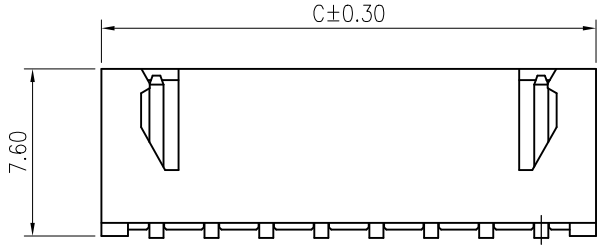
SECTION A–A

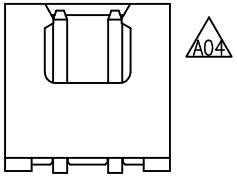
SPECIFICATIONS
1.Current rating: 3A AC, DC
2.Voltage rating: 250V AC,DC
3.Temperature range: -40°C ~ +105°C
4.Insulation resistance: 1000MΩ Min.
5.Withstanding voltage: 1000V AC/ minute.
6.Contact resistance: 20mΩ Max.

Material:
Insulator: PA9T UL 94V-0
Contact: Brass
Plating: Tin plated over Nickel
Circuits: 2~16
Mates: KR2501 series Housing

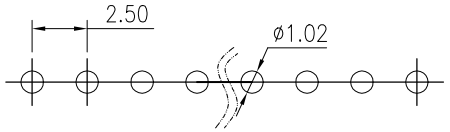
Ordering code:

C2501RD *** 11 T0102PA
102: 2P
116: 16P
11: PA9T Natural
P:BAG





2 PIN



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

PIN NO.	DIMENSIONS		
	A	B	C
2P	2.50	5.90	7.50
3P	5.00	8.40	10.00
4P	7.50	10.90	12.50
5P	10.00	13.40	15.00
6P	12.50	15.90	17.50
7P	15.00	18.40	20.00
8P	17.50	20.90	22.50
9P	20.00	23.40	25.00
10P	22.50	25.90	27.50
11P	25.00	28.40	30.00
12P	27.50	30.90	32.50
13P	30.00	33.40	35.00
14P	32.50	35.90	37.50
15P	35.00	38.40	40.00
16P	37.50	40.90	42.50

LTR	REVISION DESCRIPTION	SIGNATURE	DATE
A06	Uniformly arrange the drawings	WY	2026.08.29
A05	Add Dimensions	ZSZ	2026.07.31
A04	Correct 2P view	Arvin	2022.09.28

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

TITLE:
XH2.5 DIP 90° WF
No K

UNIT:mm | SCALE:N/A

DRAWN: WY 2026.08.29
CHECKED:
APPROVED:

SHEET:1/1 | PROJECTION

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DongGuan Konnra Electronics Co.,Ltd.

PART NO.:C2501RD***11T0102PA

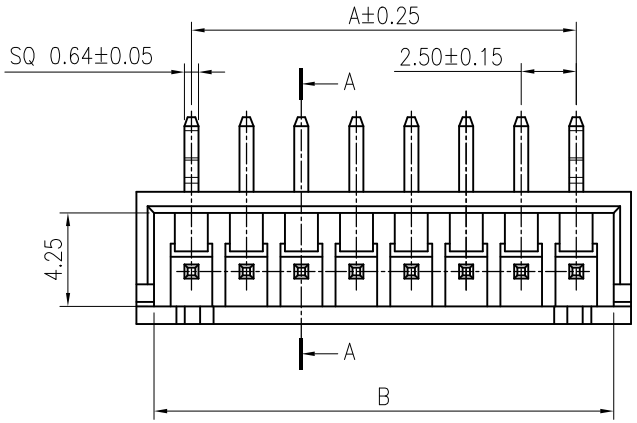
VER.:A06 | DRAWING NO.:2501WRD102-A-S

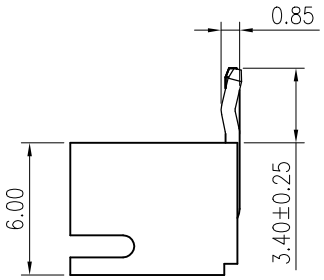
RoHS COMPLIANT

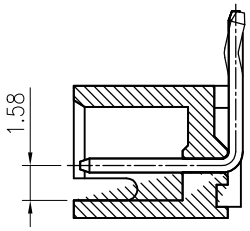
SPECIFICATIONS
1.Current rating: 3A AC, DC
2.Voltage rating: 250V AC,DC
3.Temperature range: -40°C ~ +105°C
4.Insulation resistance: 1000MΩ Min.
5.Withstanding voltage: 1000V AC/ minute.
6.Contact resistance: 20mΩ Max.

Material:
Insulator: PA9T UL 94V-0
Contact: Brass
Plating: Tin plated over Nickel
Circuits: 2~16
Mates: KR2501 series Housing

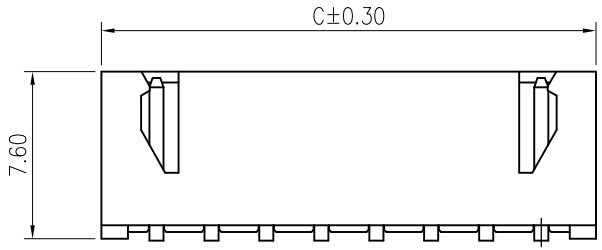
Ordering code:
C2501RD *** 11 T0101PA
102: 2P
116: 16P
11: PA9T Natural

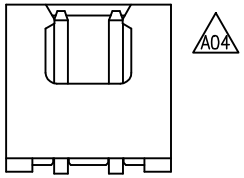






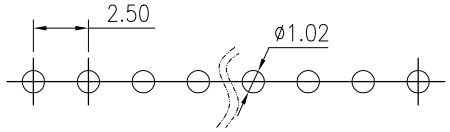
SECTION A–A





2 PIN

A04



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

PIN NO.	DIMENSIONS		
	A	B	C
2P	2.50	5.90	7.50
3P	5.00	8.40	10.00
4P	7.50	10.90	12.50
5P	10.00	13.40	15.00
6P	12.50	15.90	17.50
7P	15.00	18.40	20.00
8P	17.50	20.90	22.50
9P	20.00	23.40	25.00
10P	22.50	25.90	27.50
11P	25.00	28.40	30.00
12P	27.50	30.90	32.50
13P	30.00	33.40	35.00
14P	32.50	35.90	37.50
15P	35.00	38.40	40.00
16P	37.50	40.90	42.50

LTR	REVISION DESCRIPTION	SIGNATURE	DATE
A05	Uniformly arrange the drawings	WY	2026.08.29
A04	Correct 2P view	Arvin	2022.09.28
A03	Change material description	ZSZ	2022.02.18

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

TITLE: XH2.5 DIP 90° WF Strike K

UNIT:mm | SCALE:N/A

DRAWN: WY 2026.08.29
CHECKED:
APPROVED:

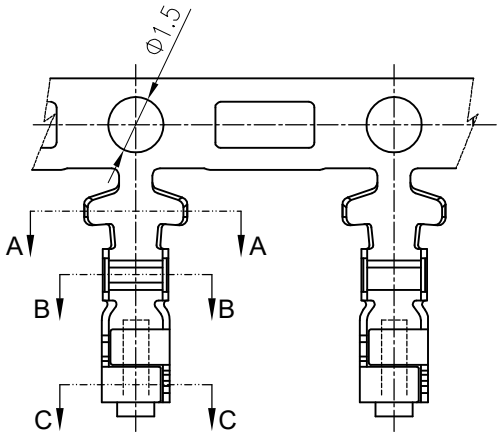
SHEET:1/1 | PROJECTION

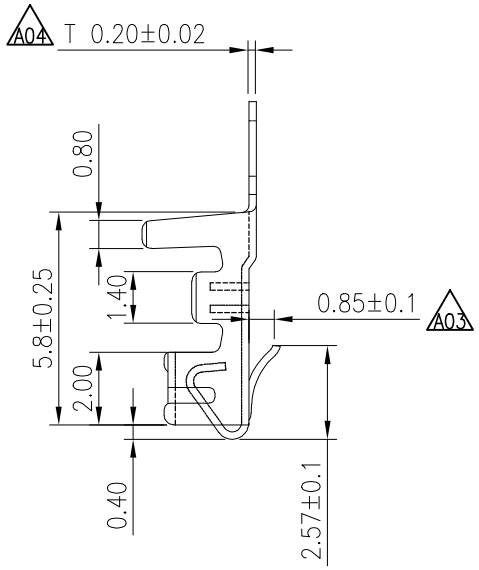
KONNRA 东莞市康瑞电子有限公司
DongGuan Konnra Electronics Co.,Ltd.

PART NO.:C2501RD***11T0101PA

VER.:A05 | DRAWING NO.:2501WRD101-A-S

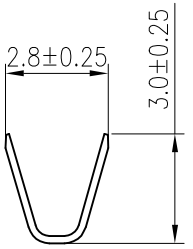
RoHS COMPLIANT



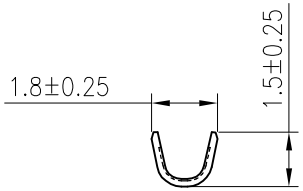


SPECIFICATIONS
1. Current rating: 3A AC, DC
2. Voltage rating:250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ/ min.
5. Withstanding voltage: 1000V AC/ minute.
6. Contact resistance: 20mΩ/ max.

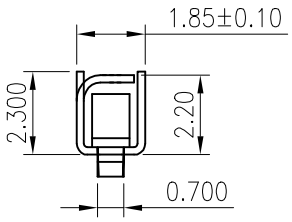
Material: Phosphor Bronze/Tin plated over nickel
Applicable wires: AWG #28~#22
Insulation O.D 1.2~1.8mm Max.
Suitable KR2501 series housing
Q'ty/reel: 9,000PCS



SECTION A-A



SECTION B-B



SECTION C-C

MARK	REVISION DESCRIPTION	SIGNATURE	DATE
A04	Uniformly arrange the drawings	WY	2026.08.29
A03	Change dimensions	ACX	2025.12.02
A02	Uniformly arrange the drawings	Shen	2022.01.13

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

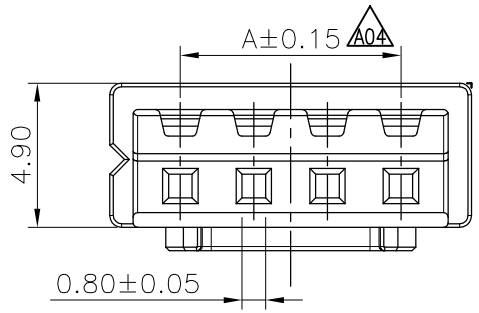
TITLE: XH2.5 Terminal

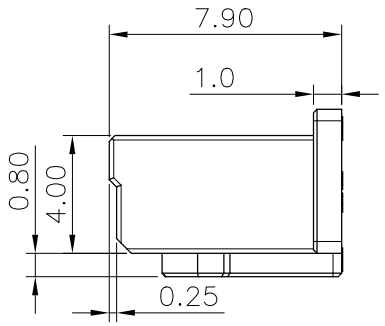
UNIT:mm | SCALE:N/A

DRAWN: WY 2026.08.29
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.:T25010PT0101F
VER.:A04 | DRAWING NO.:2501T01-F-S

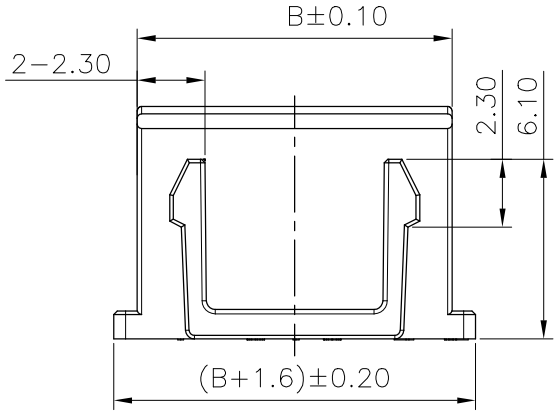
RoHS COMPLIANT

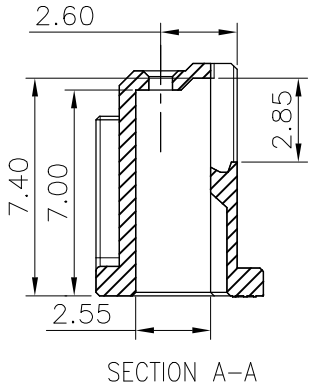




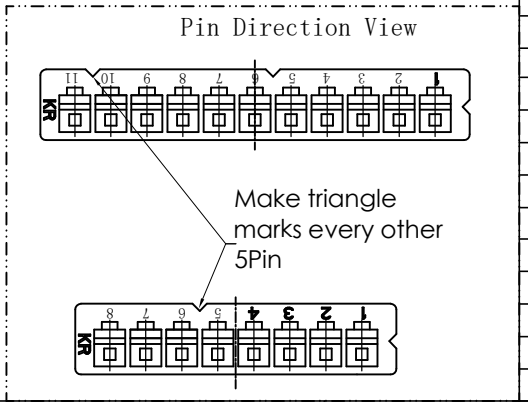
SPECIFICATIONS
1.Current rating: 3A AC, DC
2.Voltage rating: 250V AC,DC
3.Temperature range: -40°C ~ +105°C
4.Insulation resistance: 1000MΩ Min.
5.Withstanding voltage: 1000V AC/ minute.
6.Contact resistance: 20mΩ Max.

Material: PBT UL 94V-0 A03
Circuits: 2~16
Suitable: KR2501 series Terminal





SECTION A-A



Pin No.	Dimensions	
	A	B
002	2.50	5.70
003	5.00	8.20
004	7.50	10.70
005	10.00	13.20
006	12.50	15.70
007	15.00	18.20
008	17.50	20.70
009	20.00	23.20
010	22.50	25.70
011	25.00	28.20
012	27.50	30.70
013	30.00	33.20
014	32.50	35.70
015	35.00	38.20
016	37.50	40.70

MARK	REVISION DESCRIPTION	SIGNATURE	DATE
A04	Uniformly arrange the drawings	WY	2026.08.29
A03	Change from PA66 to PBT	Shen	2023.09.29
A02	Uniformly arrange the drawings	Shen	2021.09.29

TOLERANCE
X.X ±0.30
X.XX ±0.20
X.XXX ±0.10
Angle ±0.5°

TITLE: XH 2.5 No Buckle Housing

UNIT:mm | SCALE:1:1

DRAWN: WY 2026.08.29
CHECKED:
APPROVED:
SHEET:1/1 | PROJECTION

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DongGuan Konnra Electronics CO.,LTD

PART NO.:H250101**2401G
VER.:A04 | DRAWING NO.:2501H01-G-S