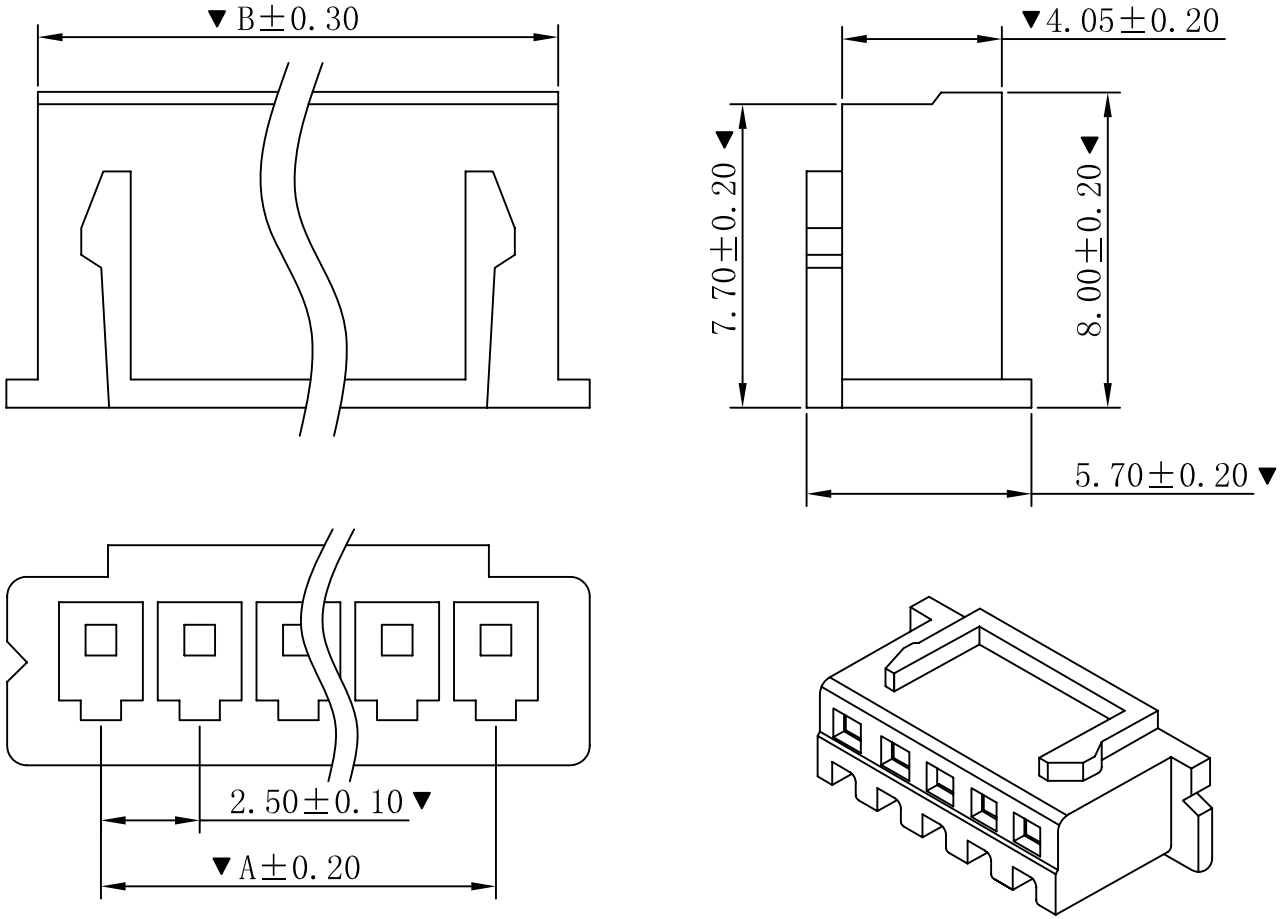
RoHS

■ SPECIFICATIONS

- Voltage rating: 250V AC, DC
- Current rating: 3A, AC, DC
- Withstanding Voltage: 1000V AC/minute
- Insulation resistance:1000MΩ min
- Temperature range: -25° C~+85° C
- Contact resistance: 20mΩ max

■ HOUSING

- Part No.: H2501-NP
- Poles : 02-20P
- Housing Material: Nylon66 UL94V-0
- The Dimension Marked "▼" Must Be Recorded



PART NO.	Dimensions(mm)	
	A	B
02	2.50	5.70
03	5.00	8.20
04	7.50	10.70
05	10.00	13.20
06	12.50	15.70
07	15.00	18.20
08	17.50	20.70
09	20.00	23.20
10	22.50	25.70
11	25.00	28.20
12	27.50	30.70
13	30.00	33.20
14	32.50	35.70
15	35.00	38.20
16	37.50	40.75
17	40.00	43.20
18	42.50	45.70
19	45.00	48.20
20	47.50	50.70

MARK	DESCRIPTION	DATE	REVISED	APPROVED
ΔX				
ΔX				
ΔX				

REVISIONS

UNSPECIFIED TOLERANCES	
ANGLAR	±5°
L≤ 4	±0.2
4<L≤ 16	±0.3
16<L≤ 63	±0.4
L> 63	±0.5

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DSND		SCALE: N/A
DWN		VIEW:
CHKD		UNIT: mm/in
APPD		SIZE: A4

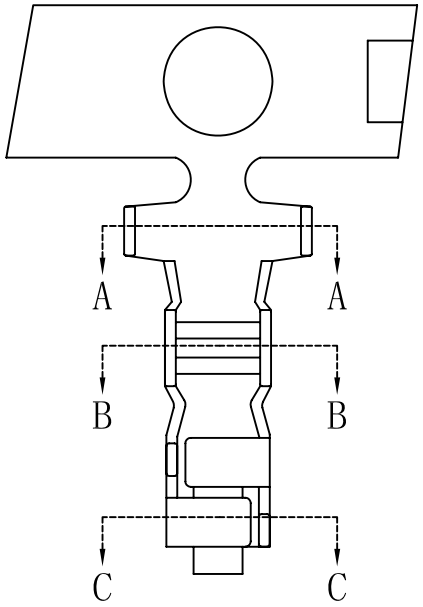
XH2.50mm Male Housing Connector Series

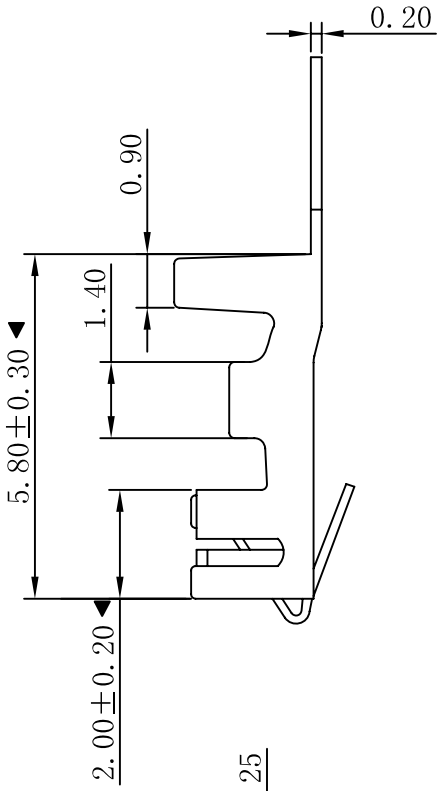
PART NO.: H2501-NP

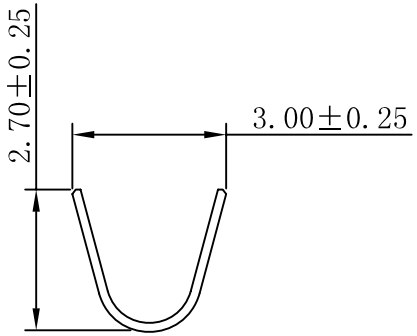
DWG NO.:

WEIGHT	SHEET	REVISION
	1/1	A0

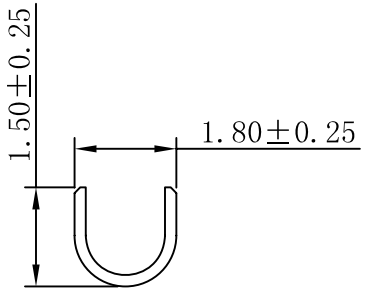
RoHS



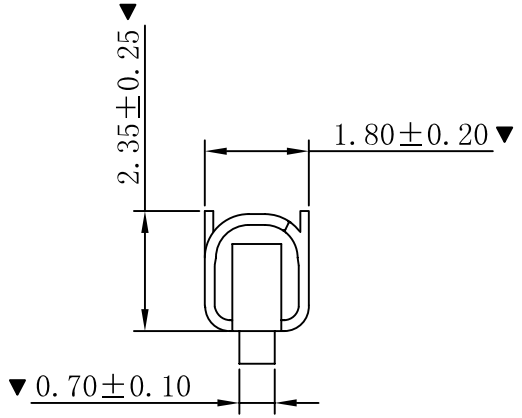




SEC A-A



SEC B-B



SEC C-C

SPECIFICATIONS

- Voltage rating: 250V AC, DC
- Current rating: 3A, AC, DC
- Withstanding Voltage: 1000V AC/minute
- Insulation resistance:1000MΩ min
- Temperature range: -25° C~+85° C
- Contack resistance: 20mΩ max

TERMINAL

- Part No.: T2501PT(J)
- Applicable wire: AWG#22-#28
- Material: Phosphor Bronze
- Finish: Tin Plated
- The Dimension Marked "▼" Must Be Recorded

MARK	DESCRIPTION	DATE	REVISED	APPROVED
ΔX				
ΔX				
ΔX				

REVISIONS

UNSPECIFIED TOLERANCES	
ANGLAR	±5°
L≤ 4	±0.2
4<L≤ 16	±0.3
16<L≤ 63	±0.4
L> 63	±0.5

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DSND		SCALE: N/A
DWN		VIEW:
CHKD		UNIT: mm/in
APPD		SIZE: A4

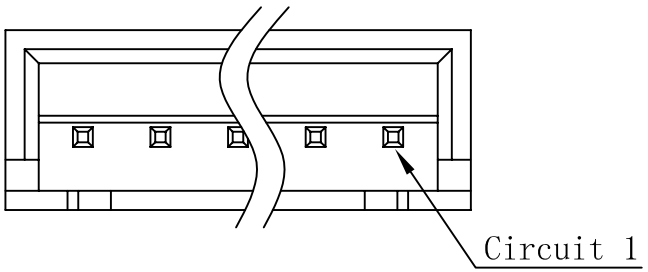
XH2.50mm Female Terminal Connector Series

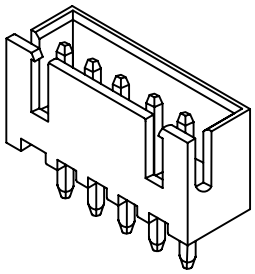
PART NO.: T2501PT(J)

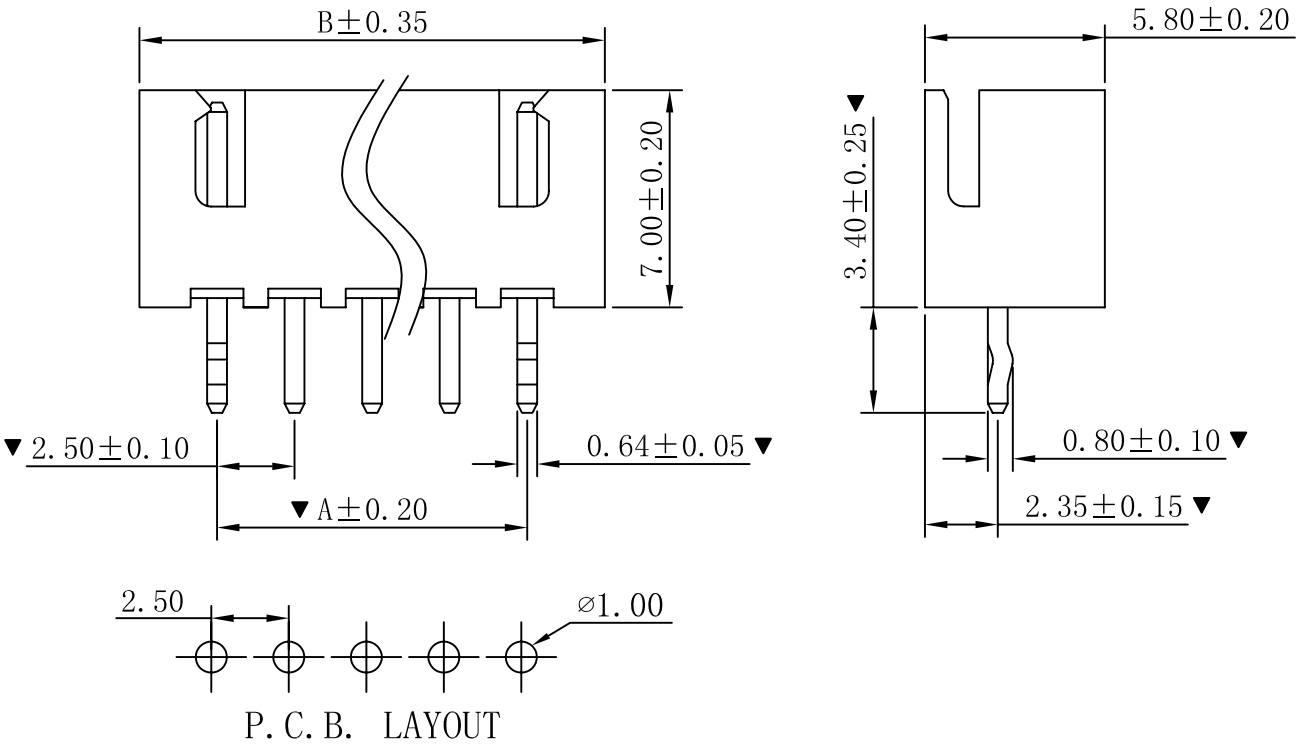
DWG NO.:

WEIGHT	SHEET	REVISION
	1/1	A0

RoHS







P.C.B. LAYOUT

■ SPECIFICATIONS

- Voltage rating: 250V AC, DC
- Current rating: 3A, AC, DC
- Withstanding Voltage: 1000V AC/minute
- Insulation resistance:1000MΩ min
- Temperature range: -25° C~+85° C
- Contact resistance: 20mΩ max

■ WAFER

- Part No.: W2501V-NP
- Poles : 02-20P
- Housing Material: Nylon66 UL94V-0
- Pin Material: Brass
- Contact Area Plating: Tin-Plated
- The Dimension Marked "▼" Must Be Recorded

Part No	Dimension(mm)	
	A	B
02	2.50	7.50
03	5.00	10.00
04	7.50	12.50
05	10.00	15.00
06	12.50	17.50
07	15.00	20.00
08	17.50	22.50
09	20.00	25.00
10	22.50	27.50
11	25.00	30.00
12	27.50	32.50
13	30.00	35.00
14	32.50	37.50
15	35.00	40.00
16	37.50	42.50
17	40.00	45.00
18	42.50	47.50
19	45.00	50.00
20	47.50	52.50

MARK	DESCRIPTION	DATE	REVISED	APPROVED
ΔX				
ΔX				
ΔX				

REVISIONS

UNSPECIFIED TOLERANCES	
ANGLAR	±5°
L≤ 4	±0.2
4<L≤ 16	±0.3
16<L≤ 63	±0.4
L> 63	±0.5

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DSND		SCALE: N/A
DWN		VIEW:
CHKD		UNIT: mm/in
APPD		SIZE: A4

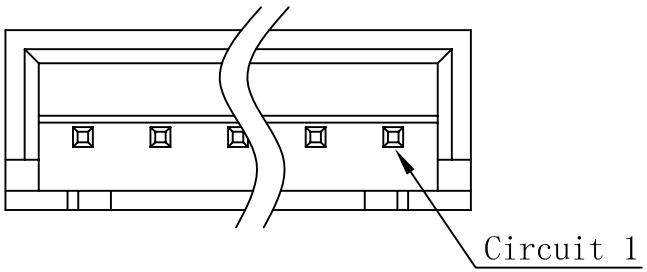
XH2.50mm 180° Wafer Connector Series

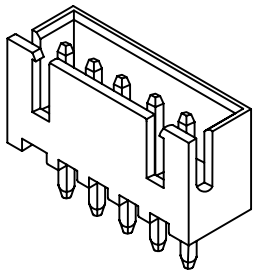
PART NO.: W2501V-NP

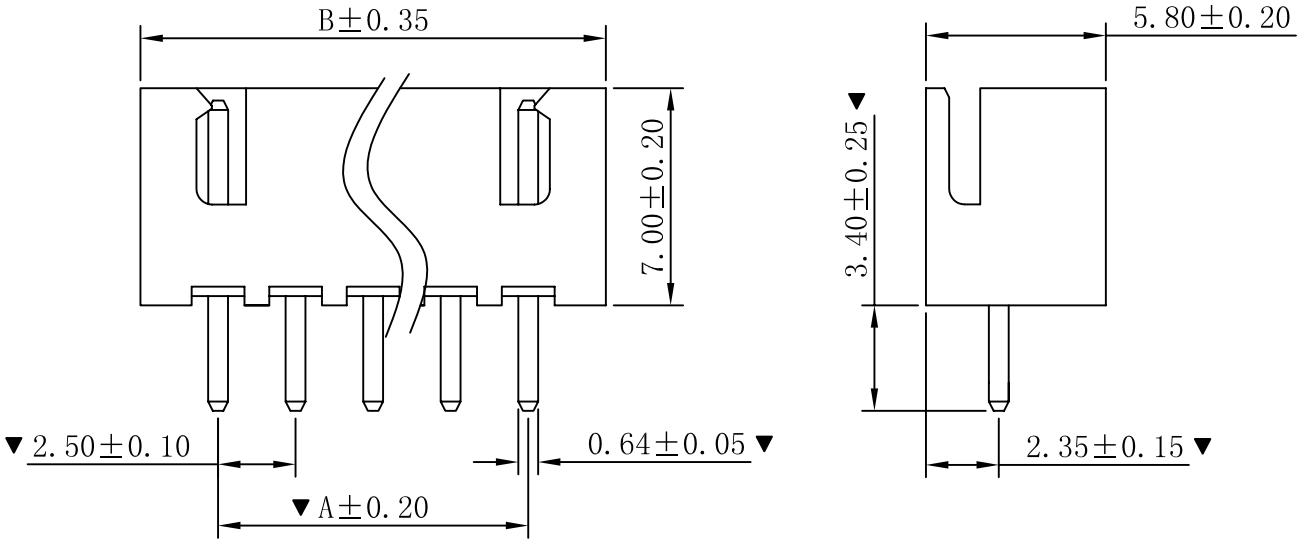
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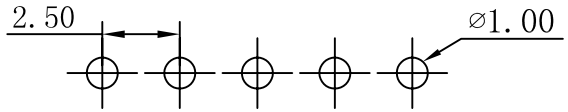
WEIGHT	SHEET	REVISION
	1/1	A0

RoHS









P.C.B. LAYOUT

■ SPECIFICATIONS

- Voltage rating: 250V AC, DC
- Current rating: 3A, AC, DC
- Withstanding Voltage: 1000V AC/minute
- Insulation resistance:1000MΩ min
- Temperature range: -25° C~+85° C
- Contact resistance: 20mΩ max

■ WAFER

- Part No.: W2501V-NP-B
- Poles : 02-20P
- Housing Material: Nylon66 UL94V-0
- Pin Material: Brass
- Contact Area Plating: Tin-Plated
- The Dimension Marked "▼" Must Be Recorded

Part No	Dimension(mm)	
	A	B
02	2.50	7.50
03	5.00	10.00
04	7.50	12.50
05	10.00	15.00
06	12.50	17.50
07	15.00	20.00
08	17.50	22.50
09	20.00	25.00
10	22.50	27.50
11	25.00	30.00
12	27.50	32.50
13	30.00	35.00
14	32.50	37.50
15	35.00	40.00
16	37.50	42.50
17	40.00	45.00
18	42.50	47.50
19	45.00	50.00
20	47.50	52.50

MARK	DESCRIPTION	DATE	REVISED	APPROVED
ΔX				
ΔX				
ΔX				

REVISIONS

UNSPECIFIED TOLERANCES	
ANGLAR	±5°
L≤ 4	±0.2
4<L≤ 16	±0.3
16<L≤ 63	±0.4
L> 63	±0.5

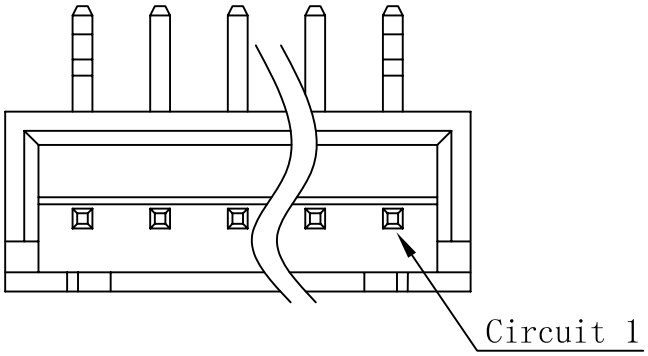
www.hiemi.cn

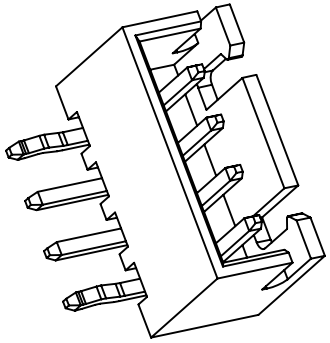
HIEMI TECHNOLOGY CO., LTD

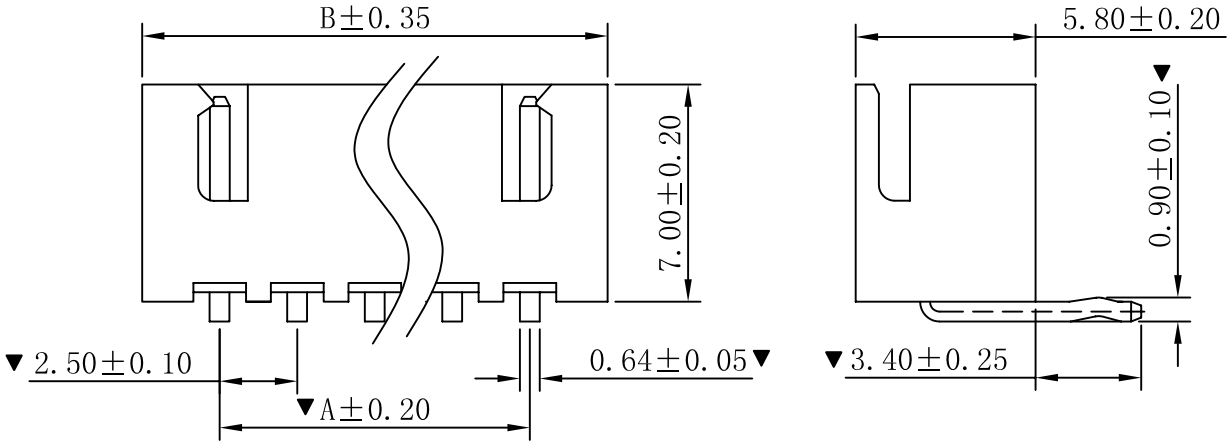
DSND		SCALE: N/A	XH2.50mm 180° Wafer Connector Series
DWN		VIEW:	PART NO.: W2501V-NP-B
CHKD		UNIT: mm/in	DWG NO.:
APPD		SIZE: A4	

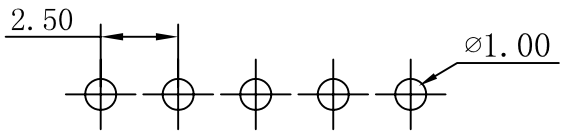
WEIGHT	SHEET	REVISION
	1/1	A0

RoHS









P.C.B. LAYOUT

■ SPECIFICATIONS

- Voltage rating: 250V AC, DC
- Current rating: 3A, AC, DC
- Withstanding Voltage: 1000V AC/minute
- Insulation resistance:1000MΩ min
- Temperature range: -25° C~+85° C
- Contact resistance: 20mΩ max

■ WAFER

- Part No.: W2501R-NP
- Poles : 02-20P
- Housing Material: Nylon66 UL94V-0
- Pin Material: Brass
- Contact Area Plating: Tin-Plated
- The Dimension Marked "▼" Must Be Recorded

Part No	Dimension(mm)	
	A	B
02	2.50	7.50
03	5.00	10.00
04	7.50	12.50
05	10.00	15.00
06	12.50	17.50
07	15.00	20.00
08	17.50	22.50
09	20.00	25.00
10	22.50	27.50
11	25.00	30.00
12	27.50	32.50
13	30.00	35.00
14	32.50	37.50
15	35.00	40.00
16	37.50	42.50
17	40.00	45.00
18	42.50	47.50
19	45.00	50.00
20	47.50	52.50

MARK	DESCRIPTION	DATE	REVISED	APPROVED
ΔX				
ΔX				
ΔX				

REVISIONS

UNSPECIFIED TOLERANCES	
ANGLAR	±5°
L≤ 4	±0.2
4<L≤ 16	±0.3
16<L≤ 63	±0.4
L> 63	±0.5

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DSND		SCALE: N/A
DWN		VIEW:
CHKD		UNIT: mm/in
APPD		SIZE: A4

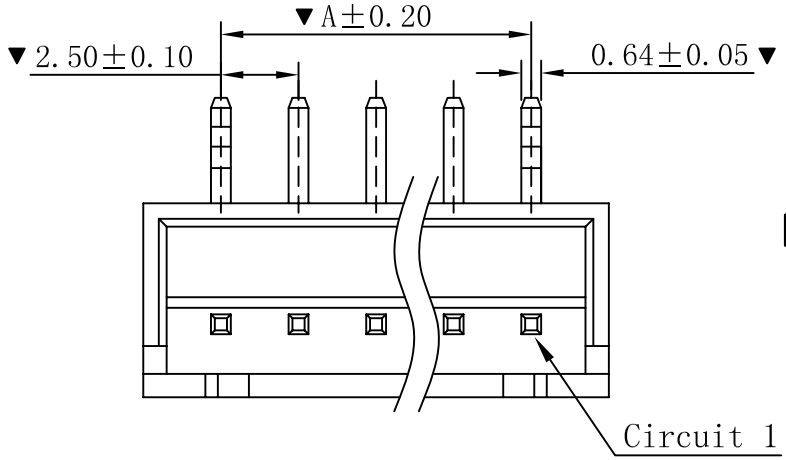
XH2.50mm 90° Wafer Connector Series

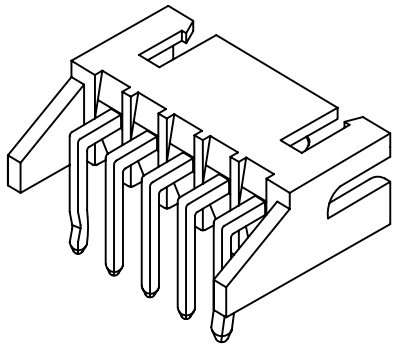
PART NO.: W2501R-NP

DWG NO.:

WEIGHT	SHEET	REVISION
	1/1	A0

RoHS



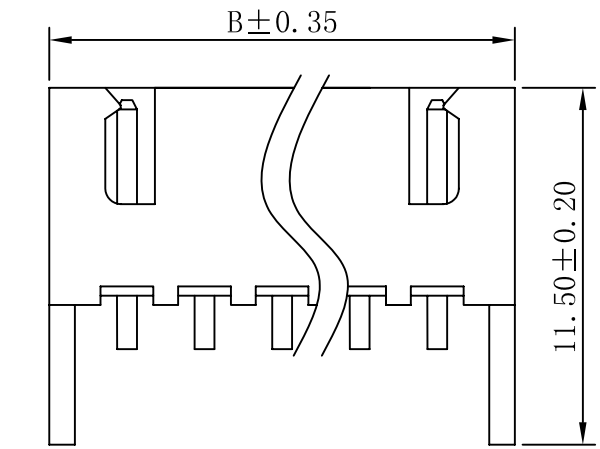


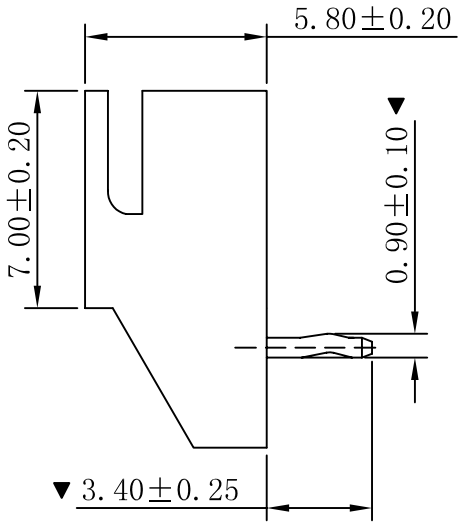
■ SPECIFICATIONS

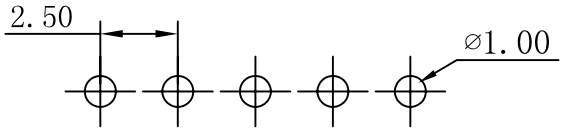
- Voltage rating: 250V AC, DC
- Current rating: 3A, AC, DC
- Withstanding Voltage: 1000V AC/minute
- Insulation resistance:1000MΩ min
- Temperature range: -25° C~+85° C
- Contact resistance: 20mΩ max

■ WAFER

- Part No.: W2501RT-NP
- Poles : 02-20P
- Housing Material: Nylon66 UL94V-0
- Pin Material: Brass
- Contact Area Plating: Tin-Plated
- The Dimension Marked "▼" Must Be Recorded







P.C.B. LAYOUT

Part No	Dimension(mm)	
	A	B
02	2.50	7.50
03	5.00	10.00
04	7.50	12.50
05	10.00	15.00
06	12.50	17.50
07	15.00	20.00
08	17.50	22.50
09	20.00	25.00
10	22.50	27.50
11	25.00	30.00
12	27.50	32.50
13	30.00	35.00
14	32.50	37.50
15	35.00	40.00
16	37.50	42.50
17	40.00	45.00
18	42.50	47.50
19	45.00	50.00
20	47.50	52.50

MARK	DESCRIPTION	DATE	REVISED	APPROVED
ΔX				
ΔX				
ΔX				

REVISIONS

UNSPECIFIED TOLERANCES	
ANGLAR	±5°
L≤ 4	±0.2
4<L≤ 16	±0.3
16<L≤ 63	±0.4
L> 63	±0.5

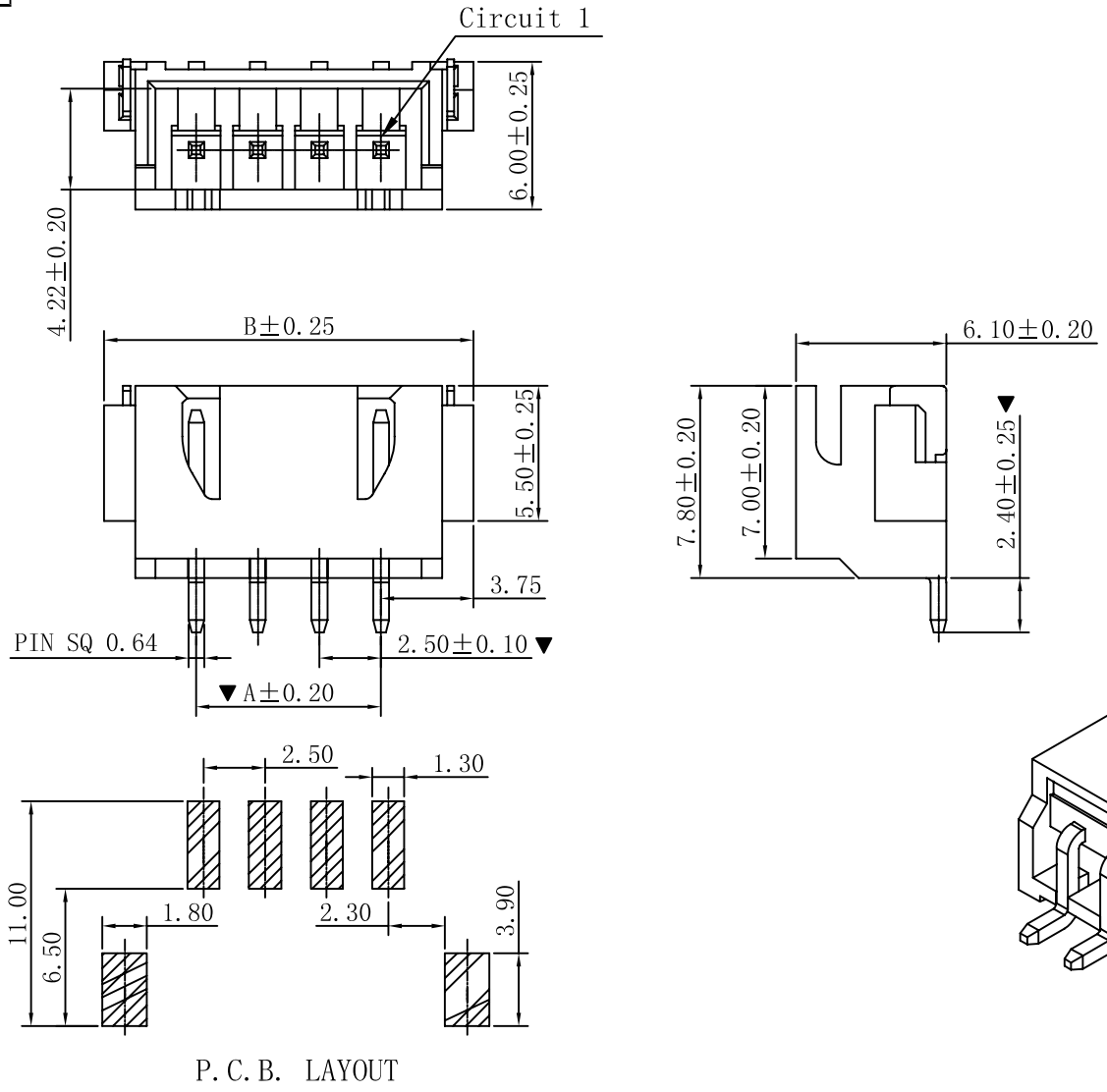
www.hiemi.cn

HIEMI TECHNOLOGY CO., LTD

DSND		SCALE: N/A	XH2.50mm 90° Wafer Connector Series
DWN		VIEW:	PART NO.: W2501RT-NP
CHKD		UNIT: mm/in	DWG NO.:
APPD		SIZE: A4	

WEIGHT	SHEET	REVISION
	1/1	A0

RoHS



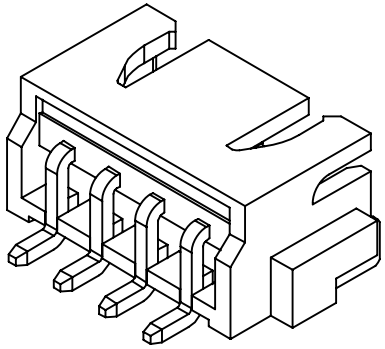
P.C.B. LAYOUT

■ SPECIFICATIONS

- Voltage rating: 250V AC, DC
- Current rating: 3A, AC, DC
- Withstanding Voltage: 1000V AC/minute
- Insulation resistance:1000MΩ min
- Temperature range: -25° C~+85° C
- Contact resistance: 20mΩ max

■ WAFER

- Part No.: W2501SR-NP
- Poles : 02-16P
- Housing Material: LCP UL94V-0
- Pin Material: Brass
- Contact Area Plating: Tin-Plated
- The Dimension Marked "▼" Must Be Recorded



Part No	Dimension(mm)	
	A	B
02	2.50	10.00
03	5.00	12.50
04	7.50	15.00
05	10.00	17.50
06	12.50	20.00
07	15.00	22.50
08	17.50	25.00
09	20.00	27.50
10	22.50	30.00
11	25.00	32.50
12	27.50	35.00
13	30.00	37.50
14	32.50	40.00
15	35.00	42.50
16	37.50	45.00

MARK	DESCRIPTION	DATE	REVISED	APPROVED
ΔX				
ΔX				
ΔX				

REVISIONS

UNSPECIFIED TOLERANCES	
ANGLAR	±5°
L≤ 4	±0.2
4<L≤ 16	±0.3
16<L≤ 63	±0.4
L> 63	±0.5

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HIEMI TECHNOLOGY CO., LTD

DSND		SCALE: N/A
DWN		VIEW:
CHKD		UNIT: mm/in
APPD		SIZE: A4

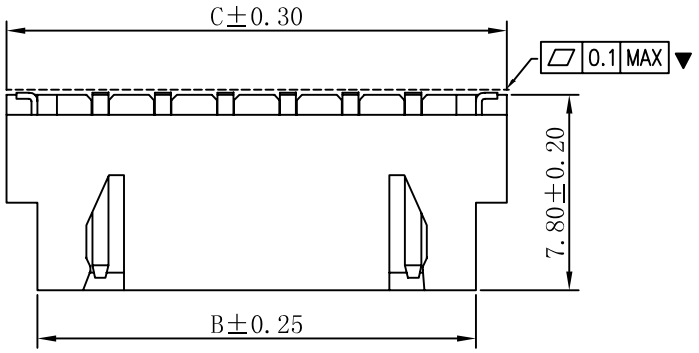
XH2.50mm SMT 90° Wafer Connector Series

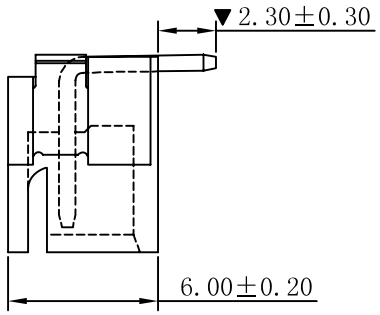
PART NO.: W2501SR-NP

DWG NO.:

WEIGHT	SHEET	REVISION
	1/1	A0

RoHS



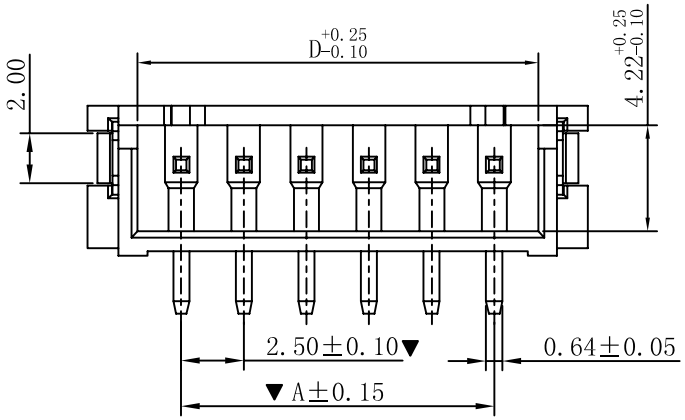


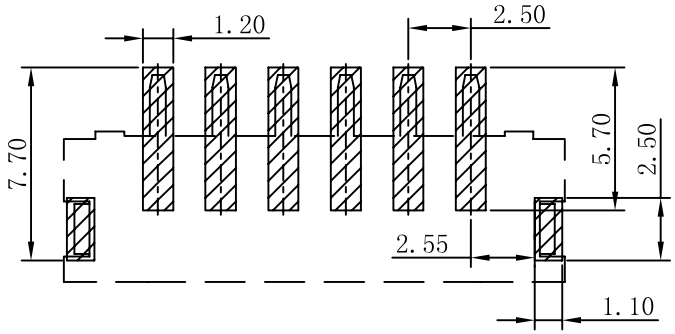
SPECIFICATIONS

- Voltage rating: 250V AC, DC
- Current rating: 3A, AC, DC
- Withstanding Voltage: 1000V AC/minute
- Insulation resistance:1000MΩ min
- Temperature range: -25° C~+85° C
- Contact resistance: 20mΩ max

WAFER

- Part No.: W2501SV-NP
- Poles : 02-16P
- Housing Material: LCP UL94V-0
- Pin Material: Brass
- Contact Area Plating: Tin-Plated
- The Dimension Marked "▼" Must Be Recorded





P.C.B. LAYOUT

Part No	Dimension(mm)			
	A	B	C	D
02	2.50	7.50	10.00	6.00
03	5.00	10.00	12.50	8.50
04	7.50	12.50	15.00	11.00
05	10.00	15.00	17.50	13.50
06	12.50	17.50	20.00	16.00
07	15.00	20.00	22.50	18.50
08	17.50	22.50	25.00	21.00
09	20.00	25.00	27.50	23.50
10	22.50	27.50	30.00	26.00
11	25.00	30.00	32.50	28.50
12	27.50	32.50	35.00	31.00
13	30.00	35.00	37.50	33.50
14	32.50	37.50	40.00	36.00
15	35.00	40.00	42.50	38.50
16	37.50	42.50	45.00	41.00

MARK	DESCRIPTION	DATE	REVISED	APPROVED
ΔX				
ΔX				
ΔX				

REVISIONS

UNSPECIFIED TOLERANCES	
ANGLAR	±5°
L≤ 4	±0.2
4<L≤ 16	±0.3
16<L≤ 63	±0.4
L> 63	±0.5

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DSND		SCALE: N/A
DWN		VIEW:
CHKD		UNIT: mm/in
APPD		SIZE: A4

XH2.50mm SMT 180° Wafer Connector Series

PART NO.: W2501SV-NP

DWG NO.:

WEIGHT	SHEET	REVISION
	1/1	A0