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## ZHEJIANG YUELONG ELECTRIC CO.,LTD.

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browsing electronic sample

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## Product selection manual

Create high-efficiency electrical products and  
create high-end electrical brands



**ZHEJIANG YUELONG ELECTRIC CO.,LTD.**



<http://www.ghxele.com>

## Company profile

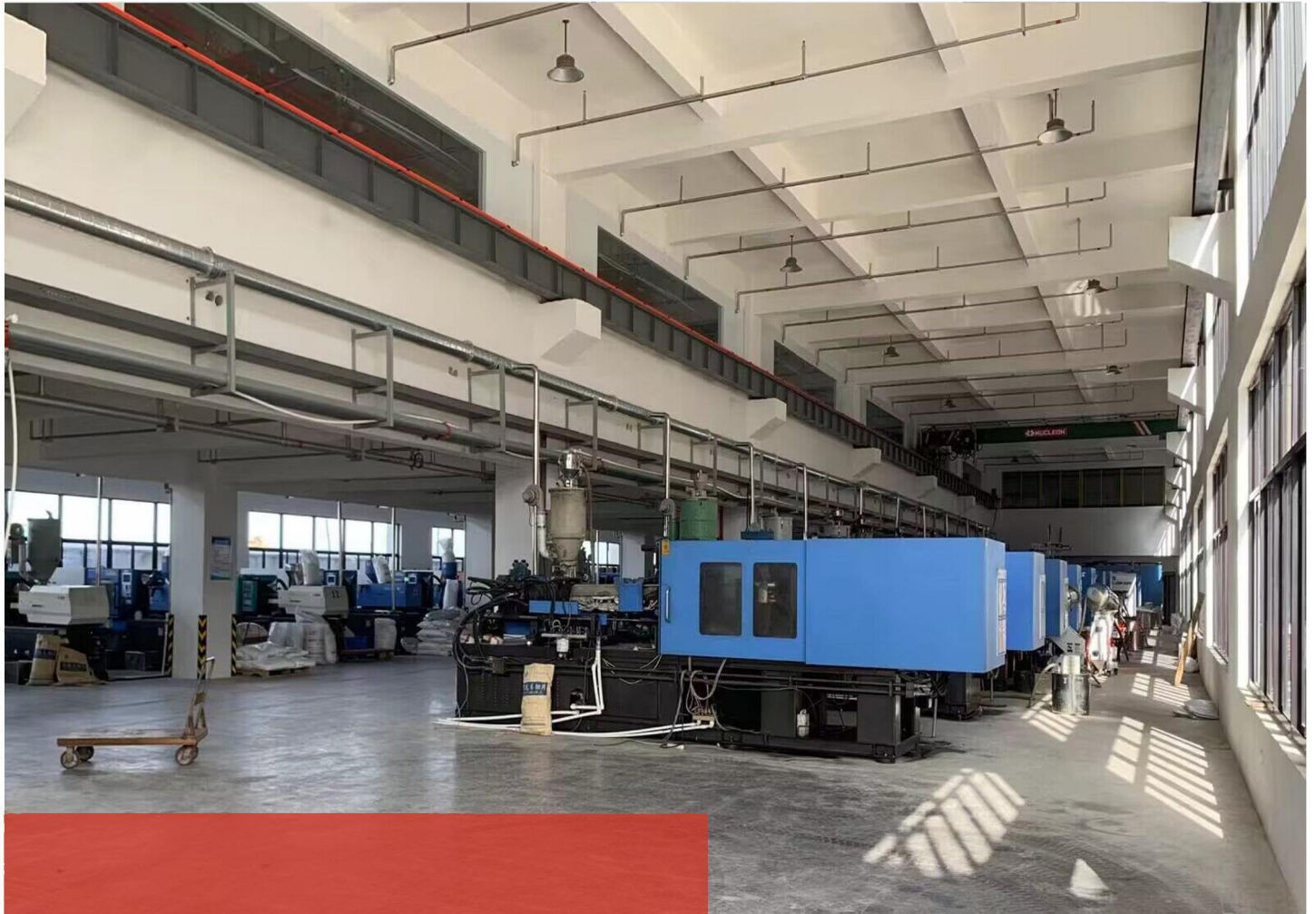
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Zhejiang Yuelong Electric Co., LTD is located in Yueqing City, China where is superior and the logistics is fast and convenient. Specializing in the development, production and sales of connector terminals, housing and other products.

Yuelong is inseparable from the quality policy of "pioneering and innovation, continuous improvement, quality first, customer satisfaction". We will continue to adhere to the "complete (wide variety), high-quality, efficient, and win-win" enterprise concept. According to the changes of customer needs, we strive to innovate, use quality and service to support a broad space for harmonious development with customers, and finally become a reliable connector solution provider, and strive to improve the competitiveness of the global market for customers!



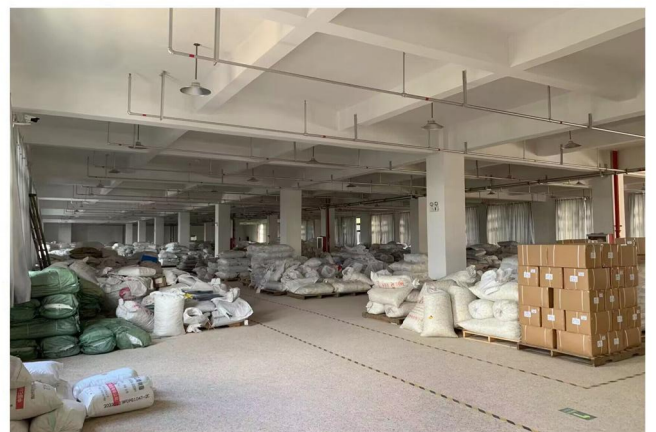




# Production workshop

## Quality Based on Market

Quality-oriented, honest management, the subtle combination of technology and equipment have created a solid quality foundation for Yuelong. With a stable staff team, meticulous production management and standardized operation procedures, Yuelong has achieved efficient and stable production. Yuelong electric has established a perfect quality management process and closely monitored all links to ensure stable and controllable product quality. Yuelong devotes himself to creating an industry model with first-class level in the electrical industry. ....



## Product catalog navigation

### 01 Wire to Board Connector

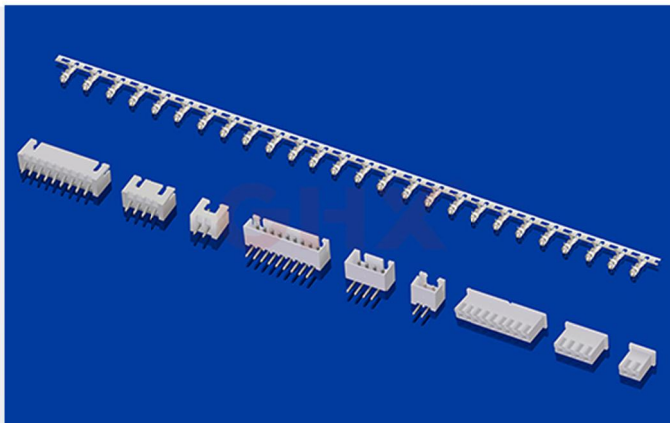
- 01 XH Connector 2.5mm Pitch
- 03 XHB Connector 2.5mm Pitch
- 05 SCN Connector 2.5mm Pitch
- 07 JC25 Connector 2.5mm Pitch
- 09 2510 Connector 2.54mm Pitch
- 11 2139/3.96 Connector 3.96mm Pitch
- 13 VH Connector 3.96mm Pitch

### 15 Wire to Wire Connector

- 15 SM Connector 2.5mm Pitch
- 17 SYP Connector 2.5mm Pitch
- 19 5557&5559 Connector 4.2mm Pitch
- 21 EL Connector 4.5mm Pitch
- 23 VL Connector 6.2mm Pitch

### XH Connector 2.5mm Pitch

XH Connector 2.5mm Pitch is replacement of JST XH connectors. It's widely used in wire to board connectors. Fully shrouded header, crimp style.



### Component and Its Material:

Terminal: Phosphor bronze

Housing: Nylon 66 UL94V-0

Wafer: Nylon 66 UL94V-0 & Brass/Tin-plated

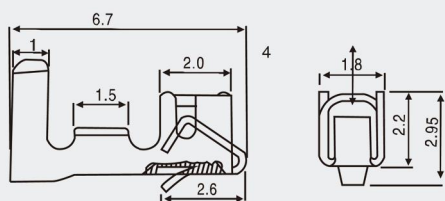
### Technical Parameters

Name	XH Connector Series
Gender	Male & Female
Contact Pitch	2.5mm
No.of Contacts	02 to 20 positions
Current Rating	3.0A AC,DC
Voltage Rating	250V AC,DC
Material	PA66 and Brass Tin
Row	Single Row
Color	White
Temperature Range	-25°C to +85°C
Contact Resistance	≤20mΩ
Insulation Resistance	≥1000mΩ
Withstand Voltage	1000V AC/minute
Applicable Wire	AWG #30 to #22
Applicable PC Board Thickness	1.6mm
Compatible	Cross JST XH Connector Series

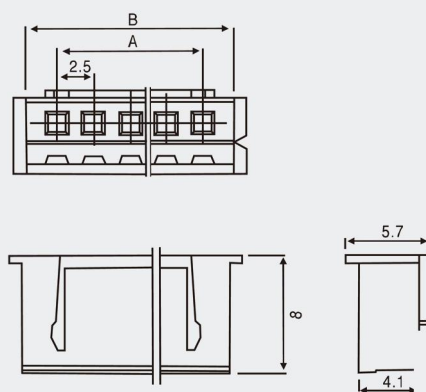


## Drawings

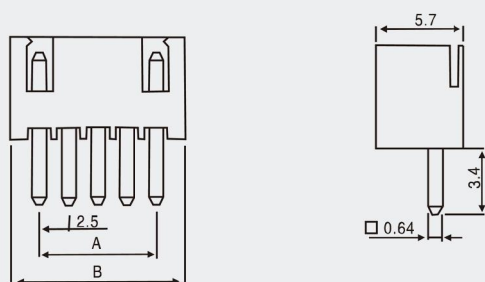
### Terminal XH-T



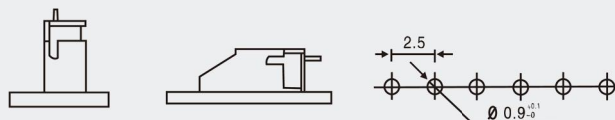
### Housing XH-Y



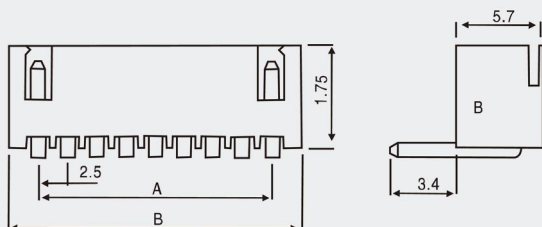
### Wafer XH-A



### Mounting Measurement



### Wafer XH-AW



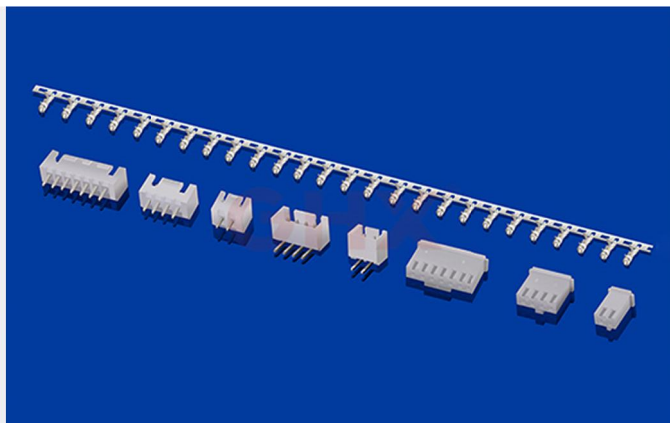
Pole	Type	Type(Wafer)		Dimension(mm)		
		Vertical Header	Right-Angle Header	A	B	C
2	XH-2Y	XH-2A	XH-2AW	2.5	7.5	7.0
3	XH-3Y	XH-3A	XH-3AW	2.0	10.0	9.5
4	XH-4Y	XH-4A	XH-4AW	7.5	12.0	12.0
5	XH-5Y	XH-5A	XH-5AW	10.0	15.0	14.5
6	XH-6Y	XH-6A	XH-6AW	12.0	17.5	17.0
7	XH-7Y	XH-7A	XH-7AW	15.0	20.0	19.5
8	XH-8Y	XH-8A	XH-8AW	17.5	22.5	22.0
9	XH-9Y	XH-9A	XH-9AW	20.0	25.0	24.5
10	XH-10Y	XH-10A	XH-10AW	22.5	27.5	27.0
11	XH-11Y	XH-11A	XH-11AW	25.0	30.0	29.5
12	XH-12Y	XH-12A	XH-12AW	27.5	32.5	32.0
13	XH-13Y	XH-13A	XH-13AW	30.0	35.0	34.5
14	XH-14Y	XH-14A	XH-14AW	32.5	34.5	37.5
15	XH-15Y	XH-15A	XH-15AW	35.0	40.0	39.5

### XHB Connector 2.5mm Pitch

XHB Connector 2.5mm Pitch is replacement of YEONHO SMH250-NN connectors.

It's widely used in wire to board connectors.

Fully shrouded header, crimp style.



### Component and Its Material:

Terminal: Phosphor bronze

Housing: Nylon 66 UL94V-0

Wafer: Nylon 66 UL94V-0 & Brass/Tin-plated

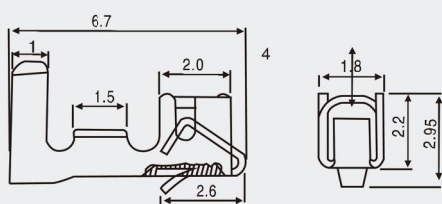
### Technical Parameters

Name	XHB Connector Series
Gender	Male
Contact Pitch	2.5mm
No.of Contacts	02 to 20 positions
Current Rating	3.0A AC,DC
Voltage Rating	250V AC,DC
Material	PA66 and Brass Tin
Row	Single Row
Color	White
Temperature Range	-25°C to +85°C
Contact Resistance	≤20mΩ
Insulation Resistance	≥1000mΩ
Withstand Voltage	1000V AC/minute
Applicable Wire	AWG #30 to #22
Applicable PC Board Thickness	1.2 to 1.6mm
Compatible	Cross YEONHO SMH250-NN Connector Series

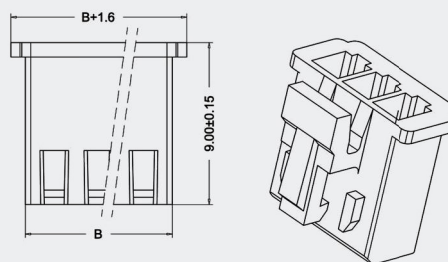
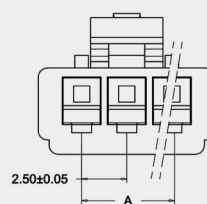


## Drawings

### Terminal XHB-T



### Housing XHB-Y

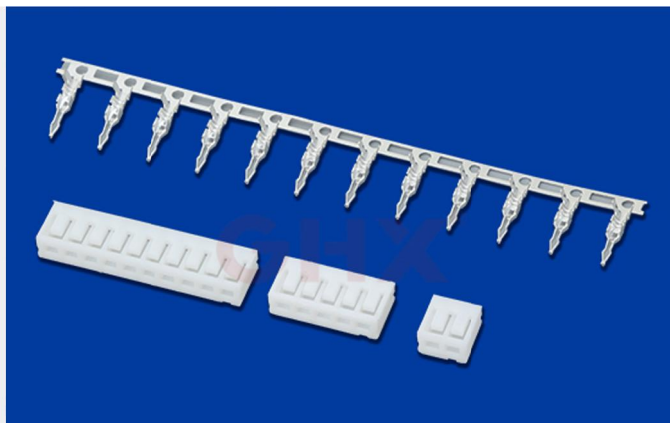


### Mounting Measurement

Pole	Type	Dimension(A)	Dimension(B)
2	XHB-3Y	2.50mm	5.70mm
3	XHB-3Y	5.00mm	8.20mm
4	XHB-4Y	7.50mm	10.70mm
5	XHB-5Y	10.00mm	13.20mm
6	XHB-6Y	12.50mm	15.70mm
7	XHB-7Y	15.00mm	18.20mm
8	XHB-8Y	17.50mm	20.70mm
9	XHB-9Y	20.00mm	23.20mm
10	XHB-10Y	22.50mm	25.70mm
--	-- --	-- --	-- --
20	XHB-20Y	47.50mm	50.70mm

### SCN Connector 2.5mm Pitch

SCN Connector 2.5mm Pitch is replacement of JST SCN connector. It's widely used in wire to P.C.BOARD-IN connector.



### Component and Its Material:

Terminal: Phosphor bronze

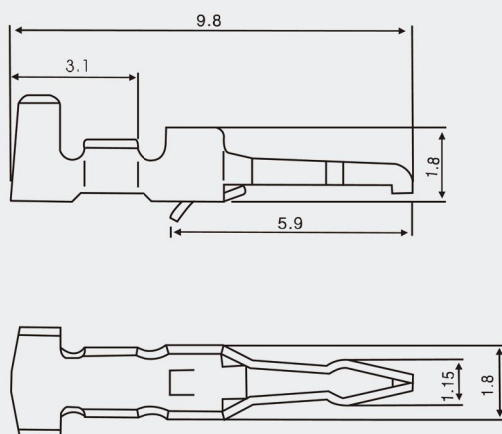
Housing: Nylon 66 UL94V-0

### Technical Parameters

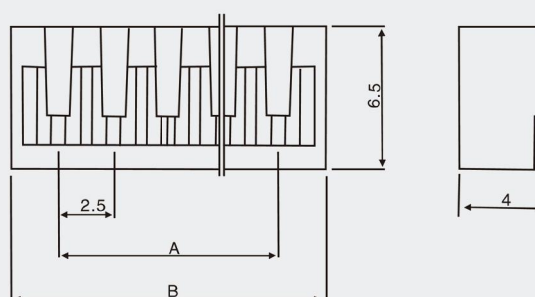
Name	SCN Connector Series
Gender	Male & Female
Contact Pitch	2.5mm
No.of Contacts	02 to 16 positions
Current Rating	3.0A AC,DC
Voltage Rating	250V AC,DC
Material	PA66 and Brass Tin
Row	Single Row
Color	White
Temperature Range	-25°C to +85°C
Insulation Resistance	≥1000mΩ
Withstand Voltage	800V AC/minute
Applicable Wire	AWG #28 to #22
Applicable PC Board Thickness	1.2 to 1.6mm
Compatible	Cross JST SCN Connector Series

## Drawings

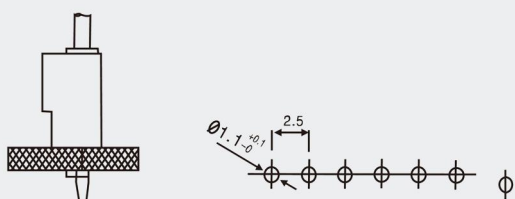
### Terminal SCN-T



### Housing SCN-Y



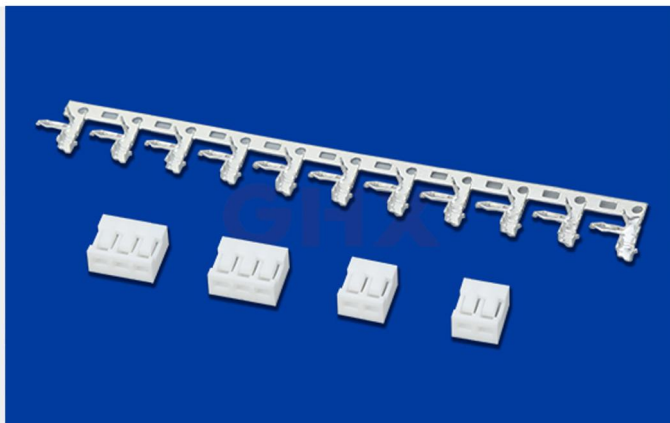
### Mounting Measurement



Pole	Type	Dimension(mm)		Pole	Type	Dimension(mm)	
		A	B			A	B
2	SCN-2P	2.5	6.5	9	SCN-9P	20.0	24.0
3	SCN-3P	5.0	9.0	10	SCN-10P	22.5	26.5
4	SCN-4P	7.5	11.5	11	SCN-11P	25.0	29.0
5	SCN-5P	10.0	14.0	12	SCN-12P	27.5	31.5
6	SCN-6P	12.5	16.5	13	SCN-13P	30.0	34.0
7	SCN-7P	15.0	19.0	14	SCN-14P	32.5	36.5
8	SCN-8P	17.5	21.5	15	SCN-15P	35.0	39.0

### JC25 Connector 2.5mm Pitch

JC25 Connector 2.5mm Pitch is replacement of CVILUX CI27 connector. It's widely used in wire to P.C.BOARD-IN connector.



### Component and Its Material:

Terminal: Phosphor bronze

Housing: Nylon 66 UL94V-0

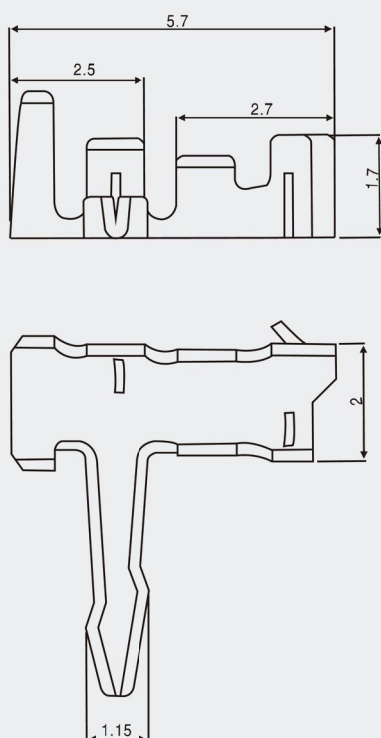
### Technical Parameters

Name	JC25 Connector Series
Gender	Male & Female
Contact Pitch	2.5mm
No.of Contacts	02 to 16 positions
Current Rating	2.0A AC,DC
Voltage Rating	250V AC,DC
Material	PA66 and Brass Tin
Row	Single Row
Color	White
Temperature Range	-25°C to +85°C
Insulation Resistance	≥1000mΩ
Withstand Voltage	800V AC/minute
Applicable Wire	AWG #28 to #22
Applicable PC Board Thickness	1.2 to 1.6mm
Compatible	Cross CVILUX CI27 Connector Series

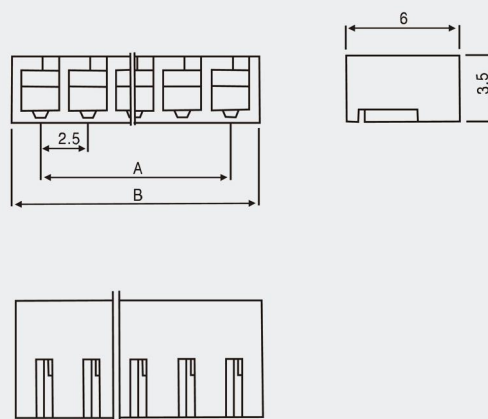


## Drawings

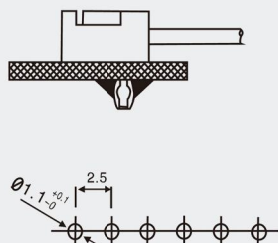
### Terminal JC25-T



### Housing JC25-Y



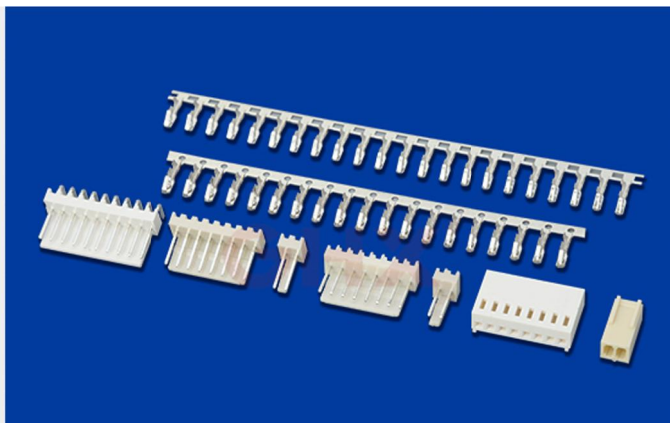
### Mounting Measurement



Pole	Type	Dimension(mm)		Pole	Type	Dimension(mm)	
		A	B			A	B
2	JC25-2P	2.5	5.5	9	JC25-9P	20.0	23.0
3	JC25-3P	5.0	8.0	10	JC25-10P	22.5	25.5
4	JC25-4P	7.5	10.5	11	JC25-11P	25.0	28.0
5	JC25-5P	10.0	13.0	12	JC25-12P	27.0	30.5
6	JC25-6P	12.5	15.0	13	JC25-13P	30.0	33.0
7	JC25-7P	15.0	18.0	14	JC25-14P	32.5	35.5
8	JC25-8P	17.5	20.5	15	JC25-15P	35.0	38.0

### 2510 Connector 2.54mm Pitch

2510 Connector 2.54mm Pitch is replacement of MOLEX 5051 connectors. It's widely used in wire to board connectors.



### Component and Its Material:

Terminal: Phosphor bronze

Housing: Nylon 66 UL94V-0

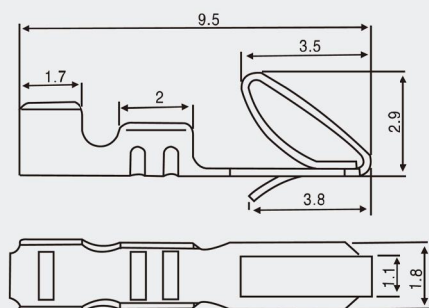
Wafer: Nylon 66 UL94V-0 & Brass/Tin-plated

### Technical Parameters

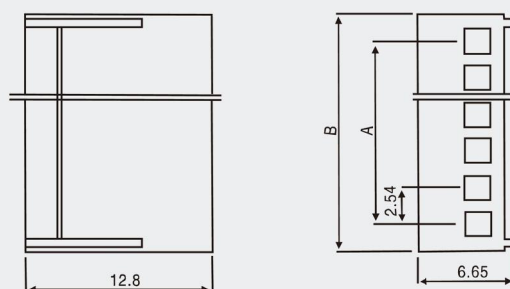
Name	2510 Connector Series
Gender	Male & Female
Contact Pitch	2.54mm
No.of Contacts	02 to 16 positions
Current Rating	4.0A AC,DC
Voltage Rating	250V AC,DC
Material	PA66 and Brass Tin
Row	Single Row & Double Row
Color	White
Temperature Range	-25°C to +85°C
Contact Resistance	≤20mΩ
Insulation Resistance	≥1000mΩ
Withstand Voltage	1000V AC/minute
Applicable Wire	AWG #28 to #22
Applicable PC Board Thickness	1.6mm
Compatible	Cross MOLEX 5051 Connector Series

## Drawings

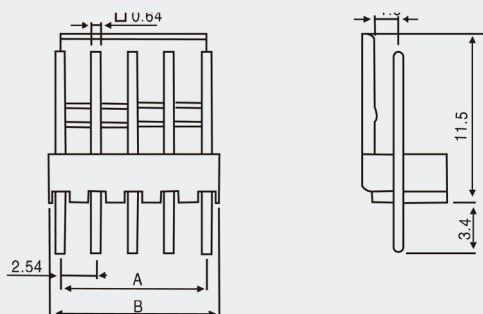
### Terminal 2510-T



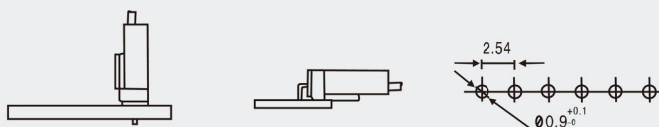
### Housing 2510-Y



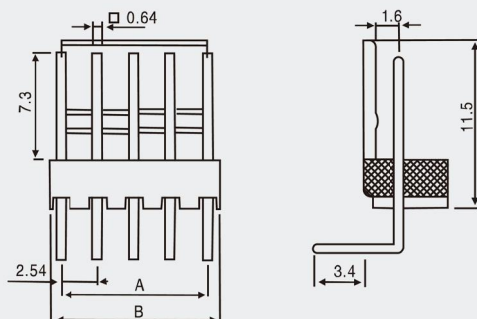
### Wafer 2510-A



### Mounting Measurement



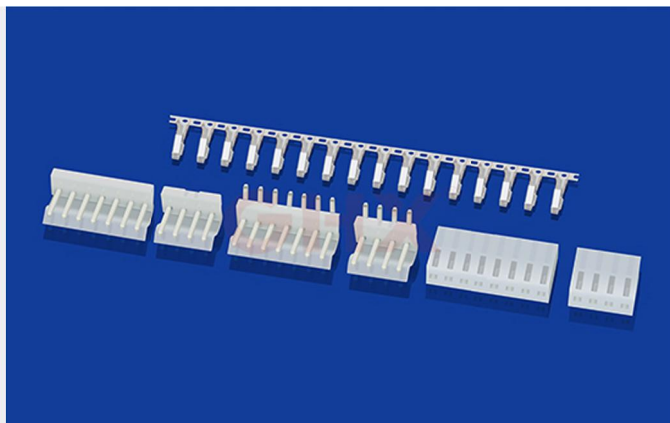
### Wafer 2510-AW



Pole	Type	Dimension(mm)		Type(Wafer)		Dimension(mm)	
		A	B	Vertical Header	Right-Angle Header	A	B
2	2510-2Y	2.54	5.08	2510-2A	2510-2AW	2.54	5.08
3	2510-3Y	5.08	7.62	2510-3A	2510-3AW	5.08	7.62
4	2510-4Y	7.62	10.16	2510-4A	2510-4AW	7.62	10.16
5	2510-5Y	10.16	12.70	2510-5A	2510-5AW	10.16	12.70
6	2510-6Y	12.70	15.24	2510-6A	2510-6AW	12.70	15.24
7	2510-7Y	15.24	17.78	2510-7A	2510-7AW	15.24	17.78
8	2510-8Y	17.78	20.32	2510-8A	2510-8AW	17.78	20.32
9	2510-9Y	20.32	22.86	2510-9A	2510-9AW	20.32	22.86
10	2510-10Y	22.86	25.40	2510-10A	2510-10AW	22.86	25.40
11	2510-11Y	25.40	27.94	2510-11A	2510-11AW	25.40	27.94
12	2510-12Y	27.94	30.48	2510-12A	2510-12AW	27.94	30.48
13	2510-13Y	50.48	33.02	2510-13A	2510-13AW	50.48	33.02
14	2510-14Y	33.02	35.56	2510-14A	2510-14AW	33.02	35.56
15	2510-15Y	35.56	38.10	2510-15A	2510-15AW	35.56	38.10
16	2510-16Y	38.10	40.64	2510-16A	2510-16AW	38.10	40.64
17	2510-17Y	40.64	43.18	2510-17A	2510-17AW	40.64	43.18
18	2510-18Y	43.18	45.72	2510-18A	2510-18AW	43.18	45.72
19	2510-19Y	45.72	48.26	2510-19A	2510-19AW	45.72	48.26
20	2510-20Y	48.26	50.80	2510-20A	2510-20A	48.26	50.80

**2139/3.96 Connector 3.96mm Pitch**

2139/3.96 Connector 3.96mm Pitch is replacement of MOLEX 5239 connectors. It's widely used in wire to board connectors.

**Component and Its Material:**

Terminal: Phosphor bronze

Housing: Nylon 66 UL94V-0

Wafer: Nylon 66 UL94V-0 & Brass/Tin-plated

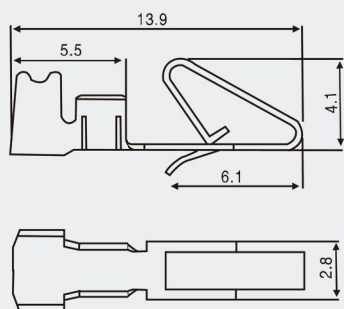
**Technical Parameters**

Name	2139/3.96 Connector Series
Gender	Male & Female
Contact Pitch	3.96mm
No.of Contacts	02 to 16 positions
Current Rating	7.0A AC,DC
Voltage Rating	250V AC,DC
Material	PA66 and Brass Tin
Row	Single Row
Color	White
Temperature Range	-25°C to +85°C
Contact Resistance	≤10mΩ
Insulation Resistance	≥1000mΩ
Withstand Voltage	1500V AC/minute
Applicable Wire	AWG #24 to #18
Applicable PC Board Thickness	1.6mm
Compatible	Cross MOLEX 5239 Connector Series

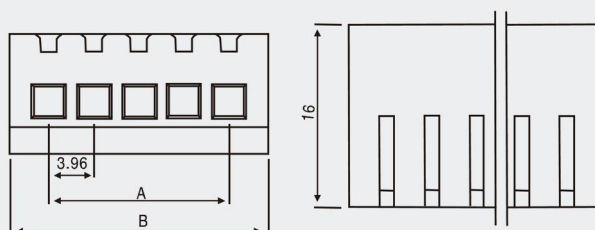


## Drawings

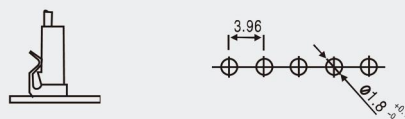
### Terminal 3.96-T



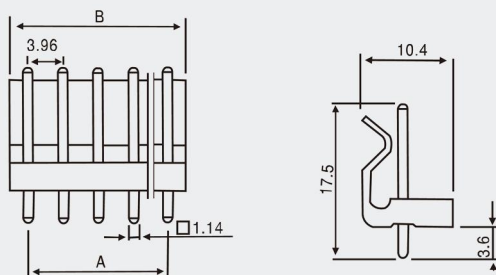
### Housing 3.96-Y



### Mounting Measurement



### Wafer 3.96-A

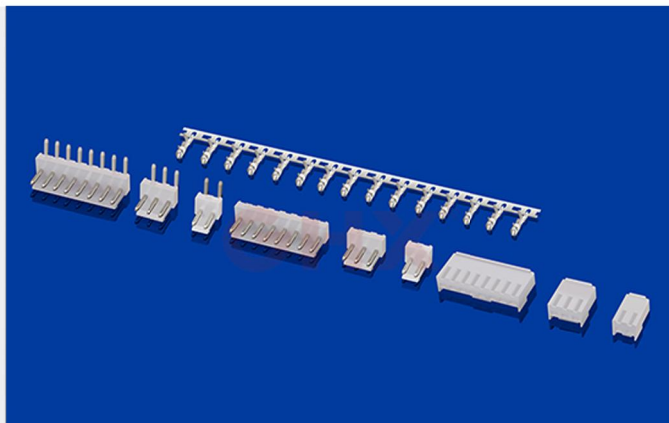


Pole	Type	Dimension(mm)	
		A	B
2	3.96-2Y	3.96	8.80
3	3.96-3Y	7.92	12.76
4	3.96-4Y	11.88	16.72
5	3.96-5A	15.84	20.68
6	3.96-6Y	19.80	24.54
7	3.96-7Y	23.76	28.60
8	3.96-8Y	27.72	32.56
9	3.96-9Y	31.68	36.52
10	3.96-10Y	35.64	40.48
11	3.96-11Y	39.60	44.44
12	3.96-12Y	43.56	48.44
13	3.96-13Y	47.52	52.36
14	3.96-14Y	51.48	56.32
15	3.96-15Y	55.44	60.28

Pole	Type	Dimension(mm)	
		A	B
2	3.96-2A	3.96	7.92
3	3.96-3A	7.92	11.88
4	3.96-4A	11.88	15.84
5	3.96-5A	15.84	19.80
6	3.96-6A	19.80	23.76
7	3.96-7A	23.76	27.72
8	3.96-8A	27.72	31.68
9	3.96-9A	31.68	35.64
10	3.96-10A	35.64	39.60
11	3.96-11A	39.60	43.56
12	3.96-12A	43.56	47.52
13	3.96-13A	47.52	51.48
14	3.96-14A	51.48	55.44
15	3.96-15A	55.44	59.40

### VH Connector 3.96mm Pitch

VH Connector 3.96mm Pitch is replacement of JST VH connectors. It's widely used in wire to board connectors.



### Component and Its Material:

Terminal: Phosphor bronze

Housing: Nylon 66 UL94V-0

Fitting: Nylon 66 UL94V-0

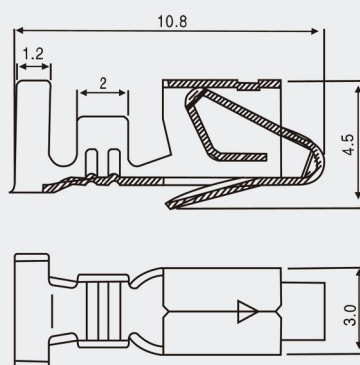
Wafer: LCP & Nylon 66 UL94V-0 & Brass/Tin-plated, Nylon 66 UL94V-0 & Brass/Tin-plated

### Technical Parameters

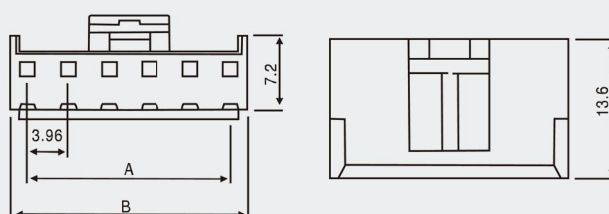
Name	VH Connector Series
Gender	Male & Female
Contact Pitch	3.96mm
No.of Contacts	02 to 16 positions
Current Rating	10A AC,DC
Voltage Rating	250V AC,DC
Material	PA66 and Brass Tin
Row	Single Row & Double Row
Color	White
Temperature Range	-25°C to +85°C
Contact Resistance	≤10mΩ
Insulation Resistance	≥1000mΩ
Withstand Voltage	1500V AC/minute
Applicable Wire	AWG #26 to #18
Applicable PC Board Thickness	1.6mm
Compatible	Cross JST VH Connector Series

## Drawings

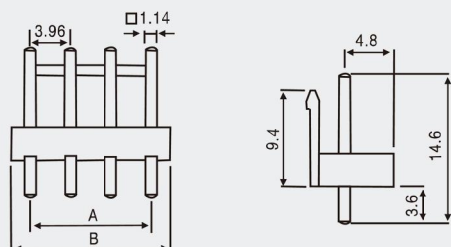
### Terminal VH-T



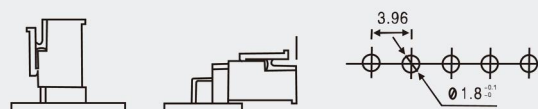
### Housing VH-Y



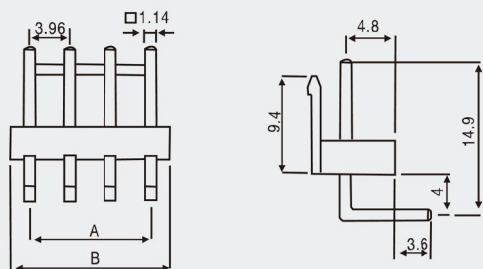
### Wafer VH-A



### Wafer VH-AW



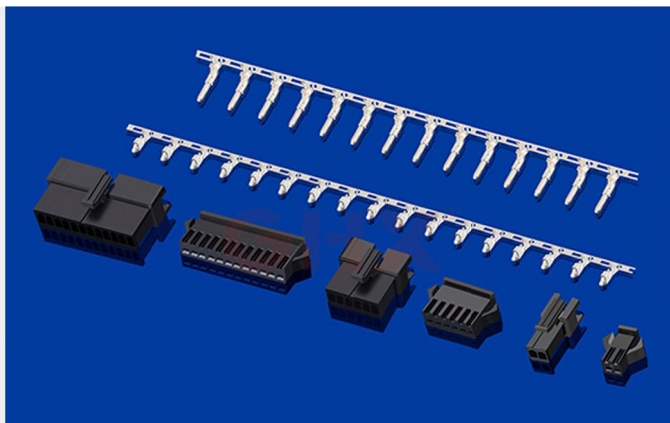
### Mounting Measurement



Pole	Type	Type(Wafer)		Dimension(mm)	
		Vertical Header	Right-Angle Header	A	B
2	VH-2A	VH-2A	VH-2AW	3.96	7.92
3	VH-3A	VH-3A	VH-3AW	7.92	11.88
4	VH-4A	VH-4A	VH-4AW	11.88	15.84
5	VH-5A	VH-5A	VH-5AW	15.84	19.80
6	VH-6A	VH-6A	VH-6AW	19.80	23.76
7	VH-7A	VH-7A	VH-7AW	32.76	27.72
8	VH-8A	VH-8A	VH-8AW	27.72	31.68
9	VH-9A	VH-9A	VH-9AW	31.68	35.64
10	VH-10A	VH-10A	VH-10AW	35.64	39.60
11	VH-11A	VH-11A	VH-11AW	39.60	43.65
12	VH-12A	VH-12A	VH-12AW	43.56	47.52
13	VH-13A	VH-13A	VH-13AW	47.52	51.48

### SM Connector 2.5mm Pitch

SM Connector 2.5mm Pitch is replacement JST SM connectors. It's widely used in wire to wire connectors.



### Component and Its Material:

Terminal: Phosphor bronze  
Housing: Nylon 66 UL94V-0  
Fitting: Nylon 66 UL94V-0

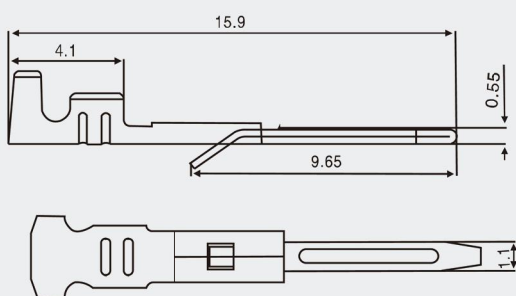
### Technical Parameters

Name	SM Connector Series
Gender	Male & Female
Contact Pitch	2.5mm
No.of Contacts	02 to 16 positions
Current Rating	3.0A AC,DC
Voltage Rating	250V AC,DC
Material	PA66 and Brass Tin
Row	Single Row
Color	White & Black
Temperature Range	-25°C to +85°C
Contact Resistance	≤10mΩ
Insulation Resistance	≥500mΩ
Withstand Voltage	1500V AC/minute
Applicable Wire	AWG #28 to #22
Applicable PC Board Thickness	0.5 to 2.0mm
Compatible	Cross JST SM Connector Series

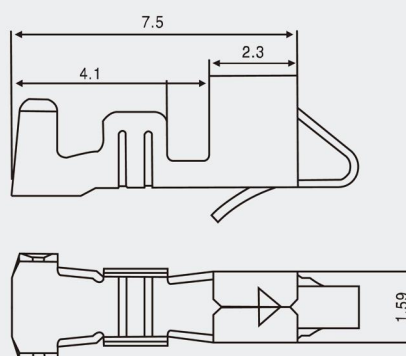


## Drawings

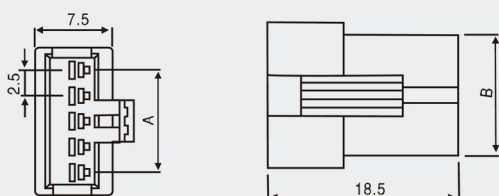
### Terminal SM-AT



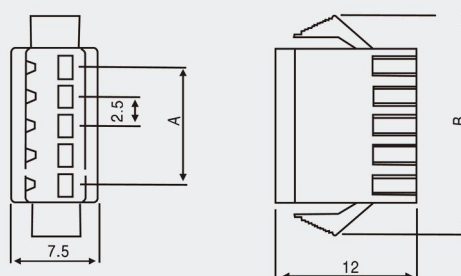
### Terminal SM-YT



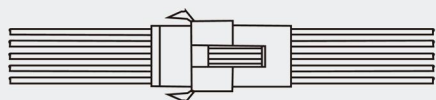
### Housing SM-A



### Housing SM-Y



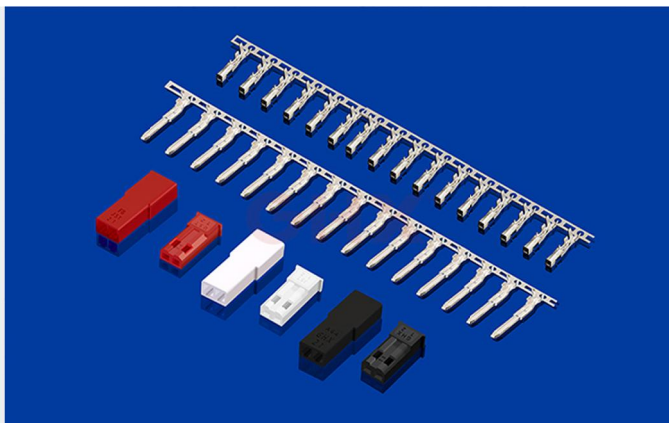
### Mounting Measurement



Pole	Type	Dimension(mm)		Type	Dimension(mm)	
		A	B		A	B
2	SM-2Y	2.5	5.5	SM-2A	2.5	5.9
3	SM-3Y	5.0	8.0	SM-3A	5.0	8.4
4	SM-4Y	7.5	10.5	SM-4A	7.5	10.9
5	SM-5Y	10.0	13.0	SM-5A	10.0	13.4
6	SM-6Y	12.5	15.5	SM-6A	12.5	15.9
7	SM-7Y	15.0	18.0	SM-7A	15.0	18.4
8	SM-8Y	17.5	20.5	SM-8A	17.5	20.9
9	SM-9Y	20.0	23.0	SM-9A	20.0	23.4
10	SM-10Y	22.5	25.5	SM-10A	22.5	25.9
11	SM-11Y	25.0	28.0	SM-11A	25.0	28.4
12	SM-12Y	27.5	30.5	SM-12A	27.5	30.9

### SYP Connector 2.5mm Pitch

SYP Connector 2.5mm Pitch is replacement of JST SYP connectors. It's widely used in wire to wire connectors.



### Component and Its Material:

Terminal: Phosphor bronze

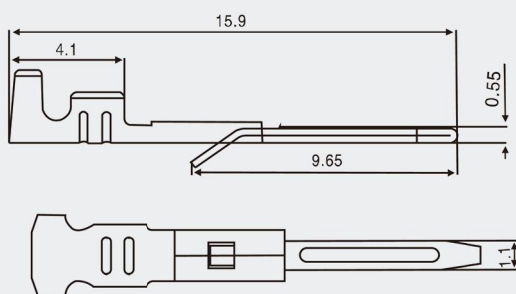
Housing: Nylon 66 UL94V-0

### Technical Parameters

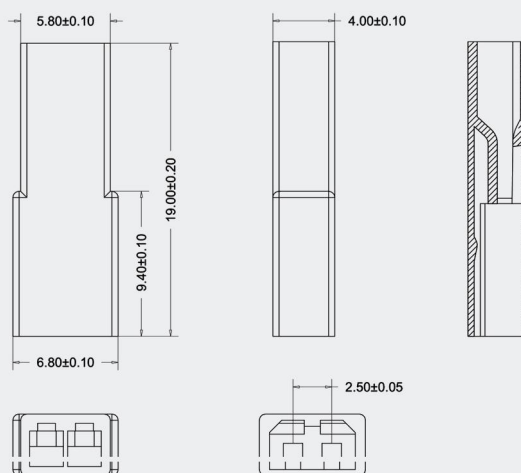
Name	SYP Connector Series
Gender	Male & Female
Contact Pitch	2.5mm
No.of Contacts	02 positions
Current Rating	3.0A AC,DC
Voltage Rating	250V AC,DC
Material	PA66 and Brass Tin
Row	Single Row
Color	White & Red
Temperature Range	-25°C to +85°C
Contact Resistance	≤10mΩ
Insulation Resistance	≥500mΩ
Withstand Voltage	1500V AC/minute
Applicable Wire	AWG #28 to #22
Compatible	Cross JST SYP Connector Series

## Drawings

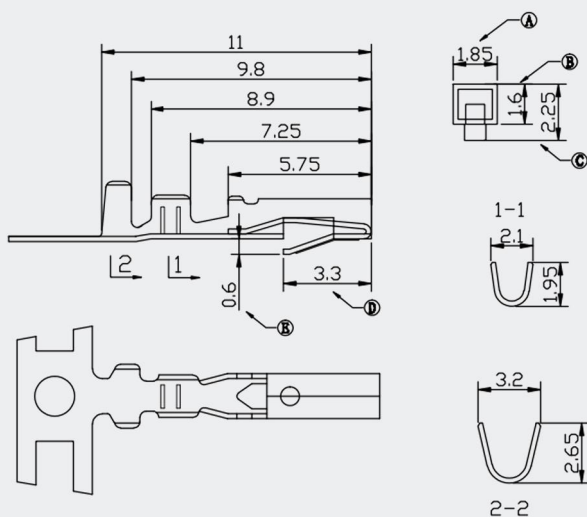
**Terminal SYP-RT**



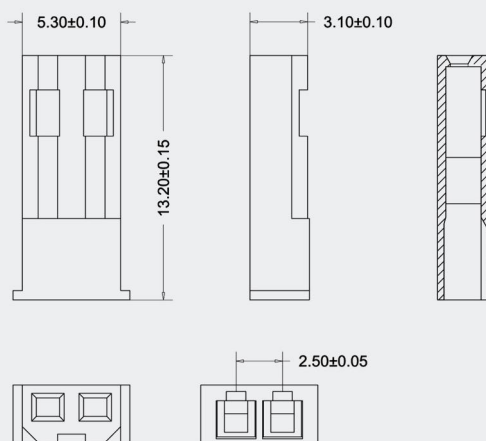
**Housing SYP-2R**



**Terminal SYP-YT**



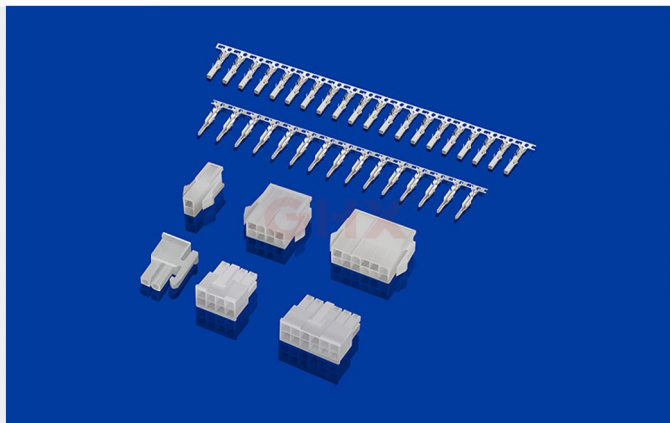
**Housing SYP-2P**



### 5557&5559 Connector 4.2mm Pitch

5557&5559 Connector 4.2mm Pitch are replacement MOLEX MINI-FIT 4.2 connectors.

It's widely use wire to wire connectors.



### Component and Its Material:

Terminal: Phosphor bronze

Housing: Nylon 66 UL94V-0

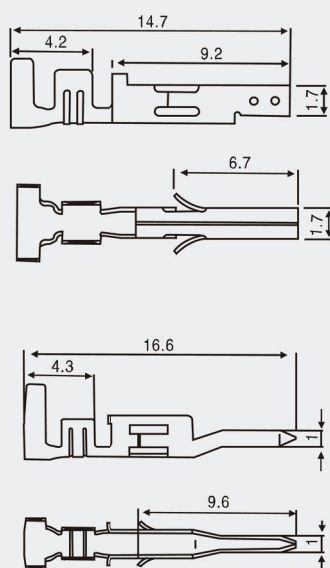
### Technical Parameters

Name	5557&5559 Connector Series
Contact Pitch	4.2mm
No.of Contacts	02 to 06,02X2 to 02X12 position
Current Rating	9.0A AC,DC
Voltage Rating	300V AC,DC
Material	PA66 and Brass Tin
Row	Single Row & Double Row
Color	White
Temperature Range	-25°C to +85°C
Contact Resistance	≤15 mΩ
Insulation Resistance	≥1000mΩ
Withstand Voltage	1500V AC/minute
Applicable Wire	AWG #28 to #16
Compatible	Cross MOLEX MINI-FIT 4.2 Connector Series

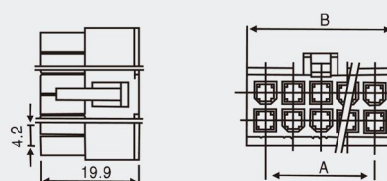


## Drawings

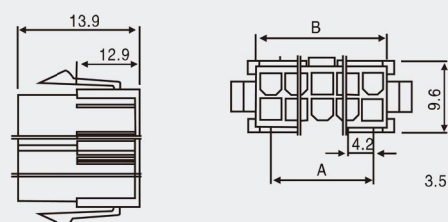
### Terminal 5556-YT/5558-AT



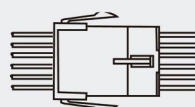
### Housing 5557



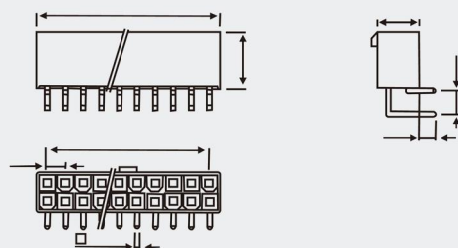
### Housing 5559



### Mounting Measurement



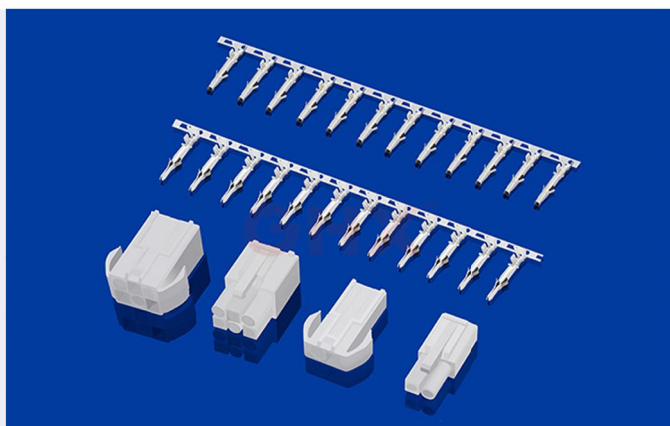
### Wafer 5569



Pole	Type	Dimension(mm)		Type	Dimension(mm)	
		A	B		A	B
2	5557-2	4.2	5.6	5559-2	4.2	5.6
2	5557-2	8.4	14.0	5559-2	8.4	14.0
4	5557-4	4.2	22.4	5559-4	4.2	22.4
6	5557-6	16.8	14.0	5559-6	16.8	14.0
8	5557-8	8.4	18.2	5559-8	8.4	18.2
10	5557-10	12.6	22.4	5559-10	12.6	22.4
12	5557-12	21.0	26.6	5559-12	21.0	26.6
14	5557-14	25.2	30.8	5559-14	25.2	30.8
16	5557-16	29.4	35.0	5559-16	29.4	35.0
18	5557-18	33.6	39.2	5559-18	33.6	39.2
20	5557-20	37.8	43.4	5559-20	37.8	43.4
22	5557-22	42.0	47.6	5559-22	42.0	47.6
24	5557-24	46.2	51.8	5559-24	46.2	51.8

### EL Connector 4.5mm Pitch

EL Connector 4.5mm Pitch is replacement JST EL connectors and KET Φ1.3 connectors. It's widely used in wire to wire connectors.



### Component and Its Material:

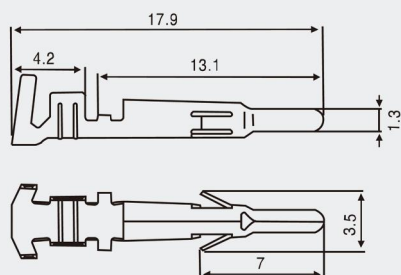
Terminal: Phosphor bronze  
Housing: Nylon 66 UL94V-0

## Technical Parameters

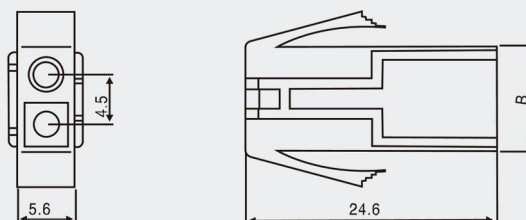
Name	EL Connector Series
Gender	Male & Female
Contact Pitch	4.5mm
No.of Contacts	02 to 04,02X2,03X2,03X3 to 05X3 position
Current Rating	10A AC,DC
Voltage Rating	300V AC,DC
Material	PA66 and Brass Tin
Row	Single Row & Double Row
Color	White
Temperature Range	-25°C to +85°C
Contact Resistance	≤10mΩ
Insulation Resistance	≥1000mΩ
Withstand Voltage	1500V AC/minute
Applicable Wire	AWG #24 to #20
Applicable PC Board Thickness	1.6 to 2.0mm
Compatible	Cross JST EL Connector Series & KET Φ1.3 Series

## Drawings

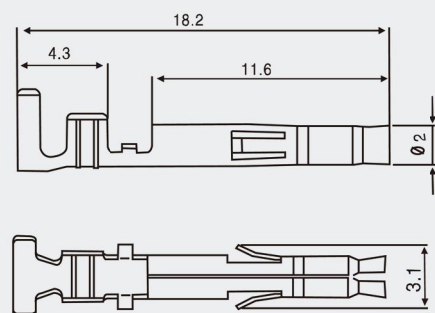
**Terminal EL-AT**



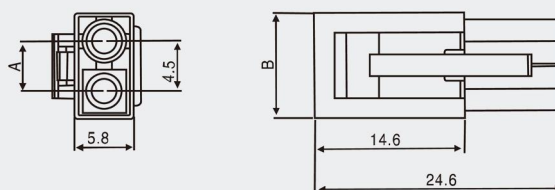
**Housing EL-A**



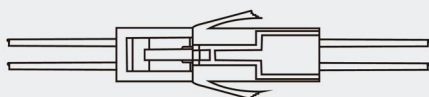
**Terminal EL-YT**



**Housing EL-Y**



**Mounting Measurement**



Pole	Type	Type	Dimension(mm)	
			A	B
2	EL-2A	EL-2Y	4.5	10.3
2	EL-2A	EL-2Y	9.0	14.8
4	EL-4A	EL-4Y	4.5	19.3
6	EL-6A	EL-6Y	9.0	14.8
9	EL-9A	EL-9Y	9.0	14.8
12	EL-12A	EL-12Y	13.5	19.3
15	EL-15A	EL-15Y	18.0	23.8

### VL Connector 6.2mm Pitch

VL Connector 6.2mm Pitch is replacement KET Φ2.0 connectors. It's widely used in wire to wire connectors.



### Component and Its Material:

Terminal: Material: Phosphor bronze

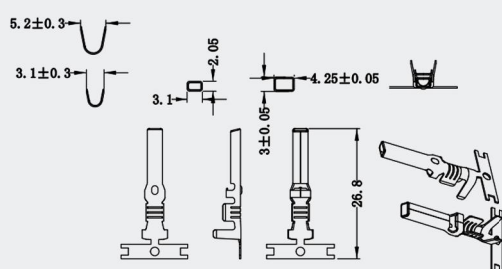
Housing: Material: Nylon 66 UL94V-0

### Technical Parameters

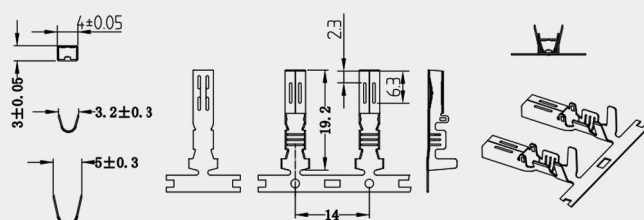
Name	VL Connector Series
Gender	Male & Female
Contact Pitch	6.2mm
No.of Contacts	02 to 04 position
Current Rating	13A AC,DC
Voltage Rating	300V AC,DC
Material	PA66 and Brass Tin
Row	Single Row & Double Row
Color	White
Temperature Range	-25°C to +85°C
Contact Resistance	≤20mΩ
Insulation Resistance	≥1000mΩ
Withstand Voltage	1500V AC/minute
Applicable Wire	AWG #26 to #20
Applicable PC Board Thickness	1.6 to 2.0mm
Compatible	Cross KET Φ2.0 Series

## Drawings

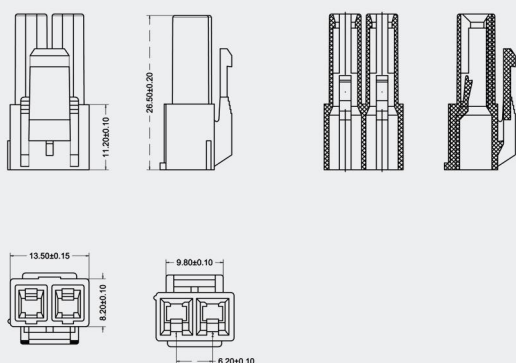
**Terminal VL-PT**



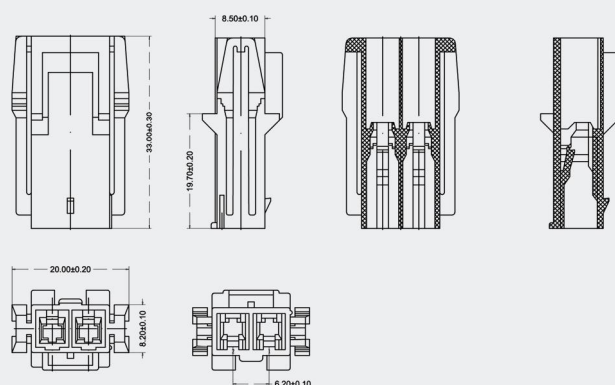
**Terminal VL-RT**



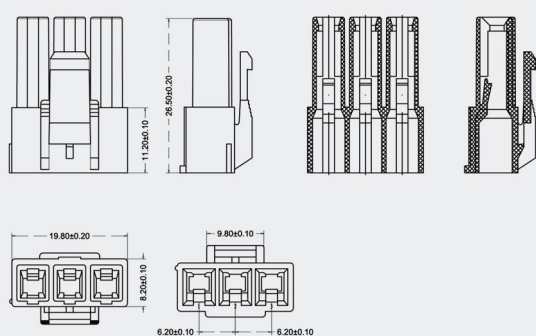
**Housing VL-2P**



**Housing VL-2R**



**Housing VL-3P**



**Housing VL-3R**

