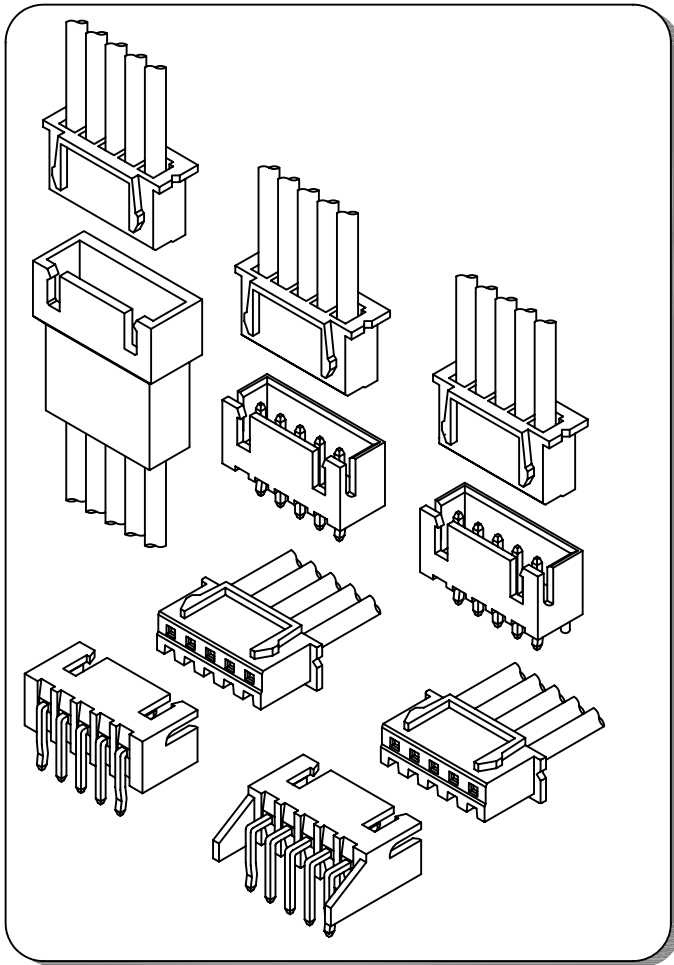


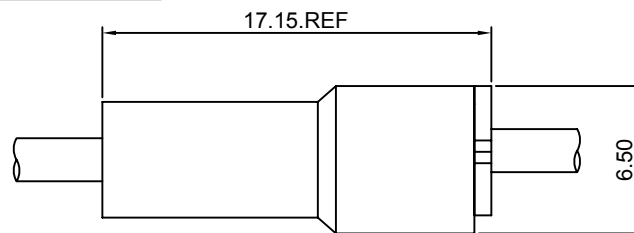
## Specifications

- Current rating:3A AC,DC
- Voltage rating:250V AC,DC
- Temperature range:-40°C~+105°C
- Contact resistance:10mΩMax.
- Insulation resistance:1000MΩMin.
- Withstanding voltage:800V AC/minute
- \*Compliant with RoHS and REACH\*
- \*Meet the HF/Halogen Free,need to customize\*
- \*Contact CJT for details\*

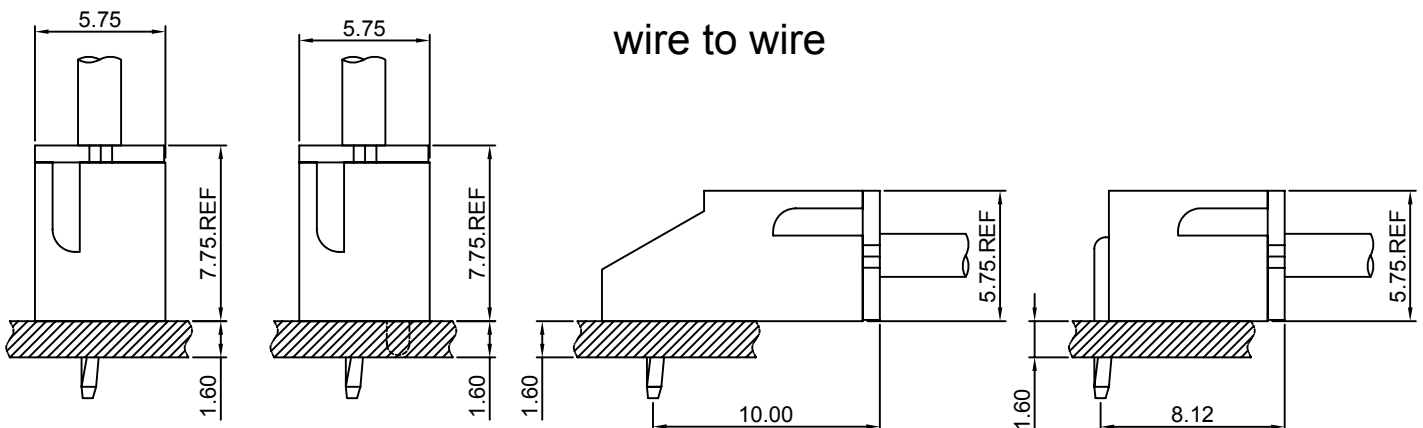
## Standards



## Assembly layout



wire to wire



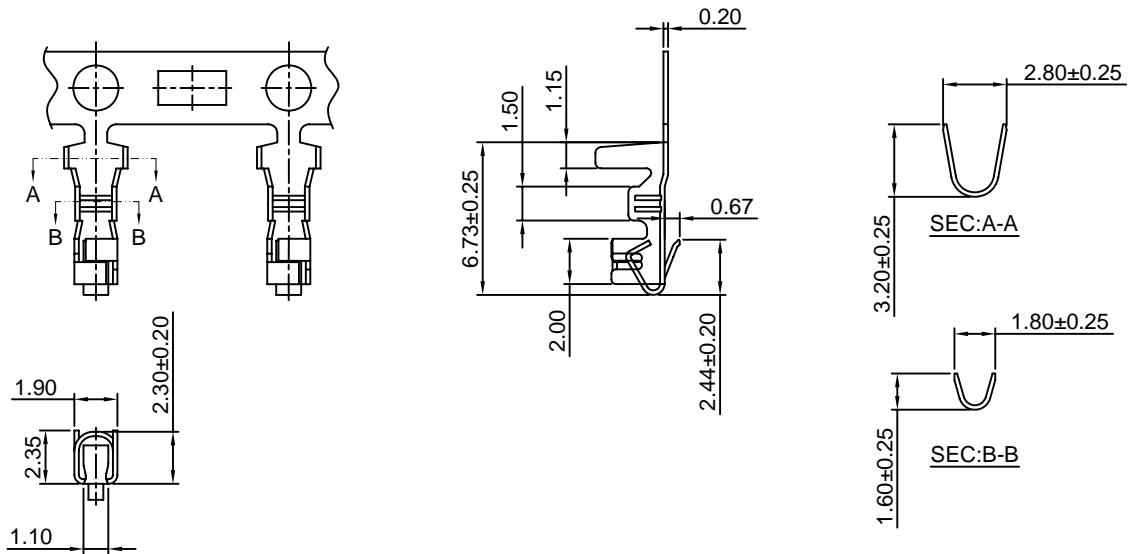
wire to board

### A2501-T

2.5mm pitch Crimp Terminal

#### Reference Informations:

\*Used in CJT A2501 series Housing



#### Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2501-TP	AWG#22-#28	1.90mm(max)	Phosphor Bronze	Tin over Nickel	8,000 PCS
A2501-GP	AWG#22-#28	1.90mm(max)	Phosphor Bronze	Gold over Nickel	8,000 PCS

Optional Gold plating available but MOQ requested

### A2501H

2.5mm pitch Housing

#### Reference Informations:

\*Material:Nylon 66,UL94V-0

\*Suitable CJT A2501 series Terminal

\*Mates with CJT A2501HMB series Housing or A2501 series Wafer

\*Color: White

#### Ordering Information:

A2501H-XP - \*\*  
1 2

1.Part No

2.Color:

(blank):White

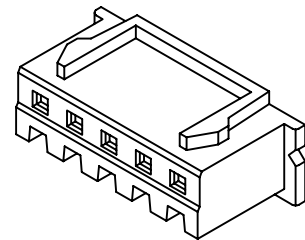
BL:Blue

BK:Black

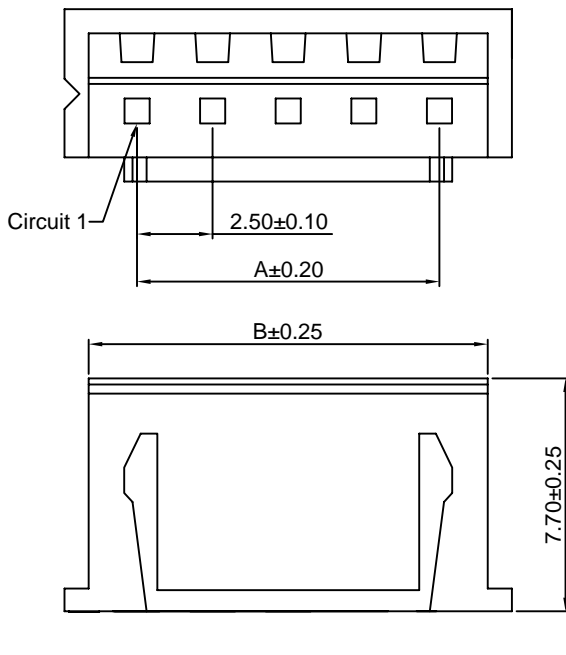
RD:Red

YL:Yellow

GN:Green



#### Ordering Information & Dimensions:



PART NO.	Dimensions	
	A	B
A2501H-2P	2.50	5.70
A2501H-3P	5.00	8.20
A2501H-4P	7.50	10.70
A2501H-5P	10.00	13.20
A2501H-6P	12.50	15.70
A2501H-7P	15.00	18.20
A2501H-8P	17.50	20.70
A2501H-9P	20.00	23.20
A2501H-10P	22.50	25.70
A2501H-11P	25.00	28.20
A2501H-12P	27.50	30.70
A2501H-13P	30.00	33.20
A2501H-14P	32.50	35.70
A2501H-15P	35.00	38.20
A2501H-16P	37.50	40.70
A2501H-17P	40.00	43.20
A2501H-18P	42.50	45.70
A2501H-19P	45.00	48.20
A2501H-20P	47.50	50.70

Unit: mm

### A2501HMB

2.50mm pitch Housing

#### Reference Informations:

- \*Material:Nylon 66,UL94V-0
- \*Suitable CJT C2504M-T series Terminal
- \*Mates with CJT A2501H series Housing
- \*Color:White

#### Ordering Information:

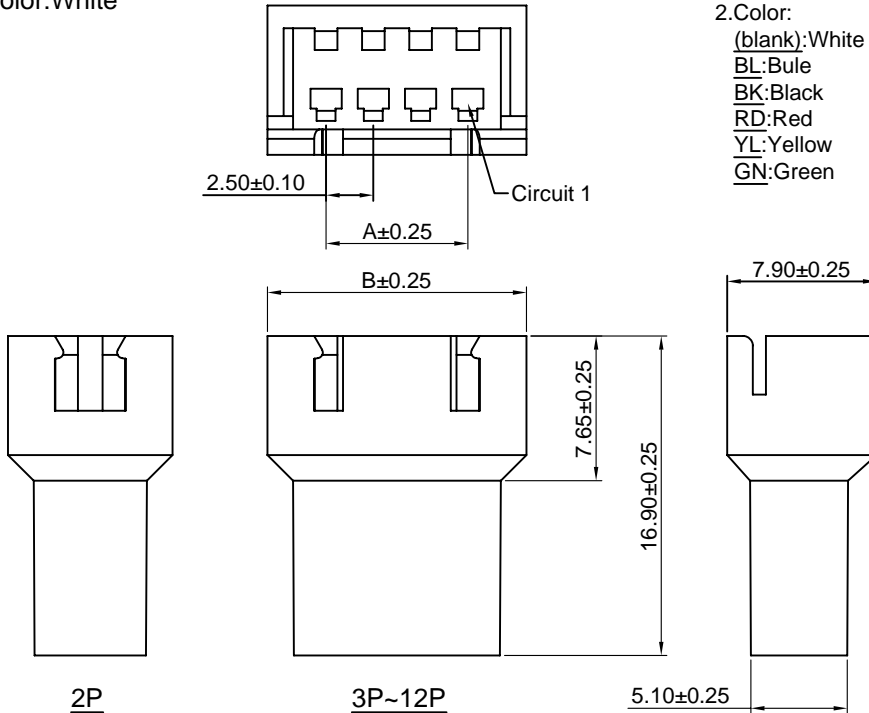
A2501HMB-XP - \*\*  
1 2

- Part No
- Color:  
(blank):White  
BL:Bule  
BK:Black  
RD:Red  
YL:Yellow  
GN:Green

#### Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2501HMB-2P	2.50	8.70
A2501HMB-3P	5.00	11.20
A2501HMB-4P	7.50	13.70
A2501HMB-5P	10.00	16.20
A2501HMB-6P	12.50	18.70
A2501HMB-7P	15.00	21.20
A2501HMB-8P	17.50	23.70
A2501HMB-9P	20.00	26.20
A2501HMB-10P	22.50	28.70
A2501HMB-11P	25.00	31.20
A2501HMB-12P	27.50	33.70
A2501HMB-13P	30.00	36.20
A2501HMB-14P	32.50	38.70
A2501HMB-15P	35.00	41.20
A2501HMB-16P	37.50	43.70
A2501HMB-17P	40.00	46.20
A2501HMB-18P	42.50	48.70
A2501HMB-19P	45.00	51.20
A2501HMB-20P	47.50	53.70

Unit: mm



### A2501WV

2.50mm pitch 180° Wafer

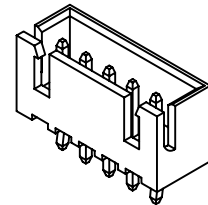
#### Reference Informations:

- \*Material:Pin:Brass/Tin over Nickel  
Insulator:Nylon 66,UL94V-0
- \*Mates with CJT A2501 series Housing
- \*Color:White

#### Ordering Information:

A2501WV-XP - \* - \*\*  
1 2 3

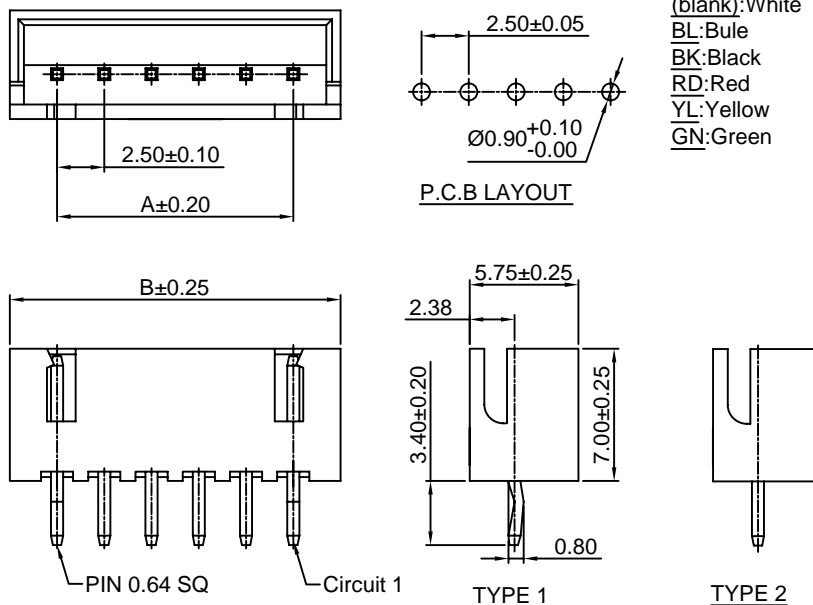
- Part No
- Style:  
(blank) :Type 1  
2 :Type 2
- Color:  
(blank):White  
BL:Bule  
BK:Black  
RD:Red  
YL:Yellow  
GN:Green



#### Ordering Information & Dimensions

PART NO.	Dimensions	
	A	B
A2501WV-2P	2.50	7.50
A2501WV-3P	5.00	10.00
A2501WV-4P	7.50	12.50
A2501WV-5P	10.00	15.00
A2501WV-6P	12.50	17.50
A2501WV-7P	15.00	20.00
A2501WV-8P	17.50	22.50
A2501WV-9P	20.00	25.00
A2501WV-10P	22.50	27.50
A2501WV-11P	25.00	30.00
A2501WV-12P	27.50	32.50
A2501WV-13P	30.00	35.00
A2501WV-14P	32.50	37.50
A2501WV-15P	35.00	40.00
A2501WV-16P	37.50	42.50
A2501WV-17P	40.00	45.00
A2501WV-18P	42.50	47.50
A2501WV-19P	45.00	50.00
A2501WV-20P	47.50	52.50

Unit: mm



### A2501WV-F

2.50mm pitch 180° Wafer - With Boss

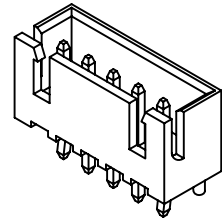
#### Reference Informations:

- \*Material: Pin: Brass/Tin over Nickel  
Insulator: Nylon 66, UL94V-0
- \*Mates with CJT A2501 series Housing
- \*Color: White

#### Ordering Information:

A2501WV-F-XP - \*\*  
1 2

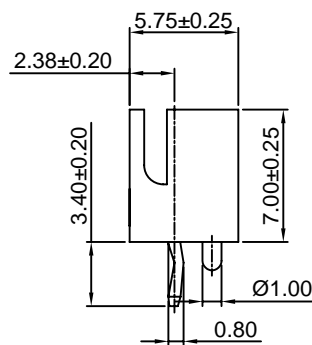
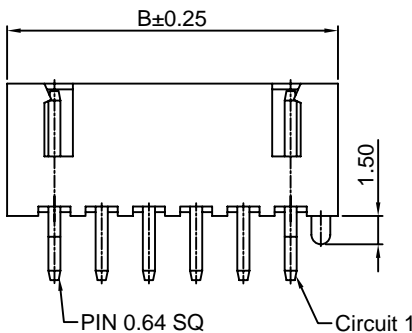
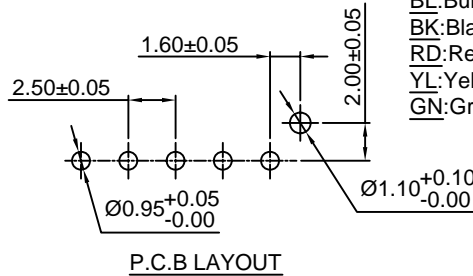
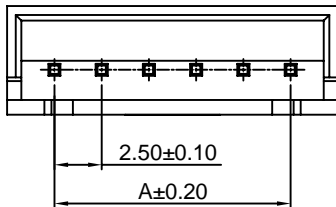
- Part No
- Color:  
(blank): White  
BL: Blue  
BK: Black  
RD: Red  
YL: Yellow  
GN: Green



#### Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2501WV-F-2P	2.50	7.50
A2501WV-F-3P	5.00	10.00
A2501WV-F-4P	7.50	12.50
A2501WV-F-5P	10.00	15.00
A2501WV-F-6P	12.50	17.50
A2501WV-F-7P	15.00	20.00
A2501WV-F-8P	17.50	22.50
A2501WV-F-9P	20.00	25.00
A2501WV-F-10P	22.50	27.50
A2501WV-F-11P	25.00	30.00
A2501WV-F-12P	27.50	32.50
A2501WV-F-13P	30.00	35.00
A2501WV-F-14P	32.50	37.50
A2501WV-F-15P	35.00	40.00
A2501WV-F-16P	37.50	42.50
A2501WV-F-17P	40.00	45.00
A2501WV-F-18P	42.50	47.50
A2501WV-F-19P	45.00	50.00
A2501WV-F-20P	47.50	52.50

Unit: mm



### A2501WR

2.50mm pitch 90° Wafer

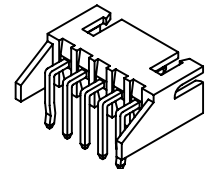
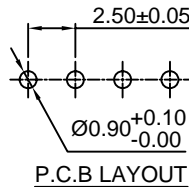
#### Reference Informations:

- \*Material: Pin: Brass/Tin over Nickel  
Insulator: Nylon 66, UL94V-0
- \*Mates with CJT A2501 series Housing
- \*Color: White

#### Ordering Information:

A2501WR-XP - \*\* - \*\*  
1 2 3

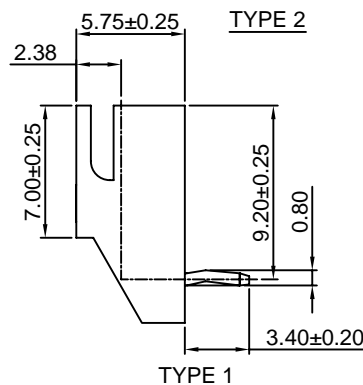
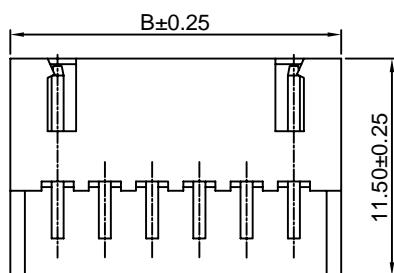
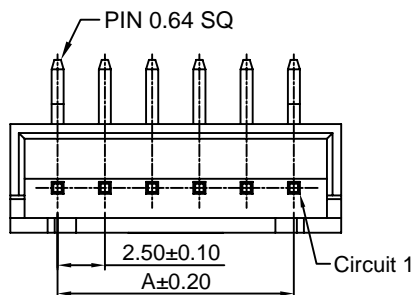
- Part No
- Style:  
(blank): Type 1  
2: Type 2
- Color:  
(blank): White  
BL: Blue  
BK: Black  
RD: Red  
YL: Yellow  
GN: Green



#### Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2501WR-2P	2.50	7.50
A2501WR-3P	5.00	10.00
A2501WR-4P	7.50	12.50
A2501WR-5P	10.00	15.00
A2501WR-6P	12.50	17.50
A2501WR-7P	15.00	20.00
A2501WR-8P	17.50	22.50
A2501WR-9P	20.00	25.00
A2501WR-10P	22.50	27.50
A2501WR-11P	25.00	30.00
A2501WR-12P	27.50	32.50
A2501WR-13P	30.00	35.00
A2501WR-14P	32.50	37.50
A2501WR-15P	35.00	40.00
A2501WR-16P	37.50	42.50
A2501WR-17P	40.00	45.00
A2501WR-18P	42.50	47.50
A2501WR-19P	45.00	50.00
A2501WR-20P	47.50	52.50

Unit: mm



### A2501WRB

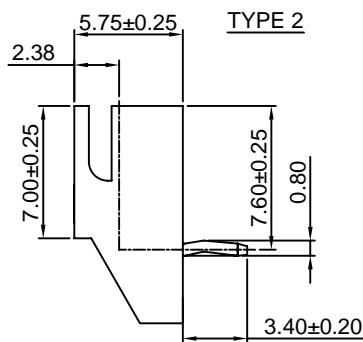
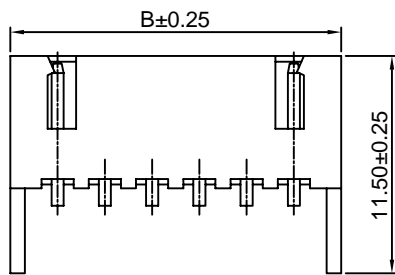
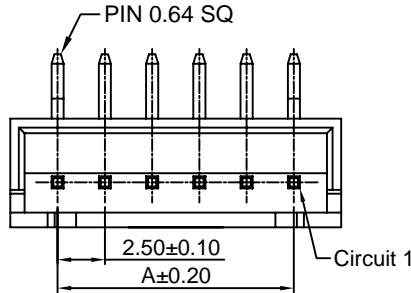
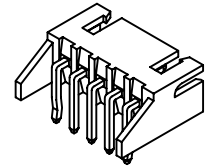
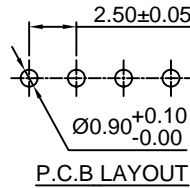
2.5mm pitch 90° Wafer

#### Reference Informations:

- \*Material: Pin: Brass/Tin over Nickel  
Insulator: Nylon 66, UL94V-0
- \*Mates with CJT A2501 series Housing
- \*Color: White

Ordering Information:  
A2501WRB-XP - \*\* - \*\*  
1 2 3

1. Part No
2. Style:  
(blank) : Type 1  
2 : Type 2
3. Color:  
(blank): White  
BL: Blue  
BK: Black  
RD: Red  
YL: Yellow  
GN: Green



TYPE 1

TYPE 2

Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2501WRB-2P	2.50	7.50
A2501WRB-3P	5.00	10.00
A2501WRB-4P	7.50	12.50
A2501WRB-5P	10.00	15.00
A2501WRB-6P	12.50	17.50
A2501WRB-7P	15.00	20.00
A2501WRB-8P	17.50	22.50
A2501WRB-9P	20.00	25.00
A2501WRB-10P	22.50	27.50
A2501WRB-11P	25.00	30.00
A2501WRB-12P	27.50	32.50
A2501WRB-13P	30.00	35.00
A2501WRB-14P	32.50	37.50
A2501WRB-15P	35.00	40.00
A2501WRB-16P	37.50	42.50
A2501WRB-17P	40.00	45.00
A2501WRB-18P	42.50	47.50
A2501WRB-19P	45.00	50.00
A2501WRB-20P	47.50	52.50

Unit: mm

### A2501WVR

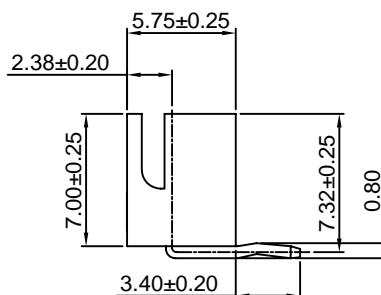
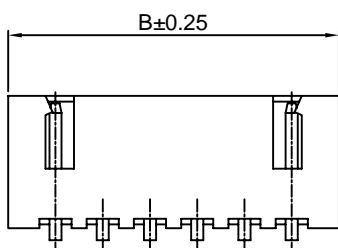
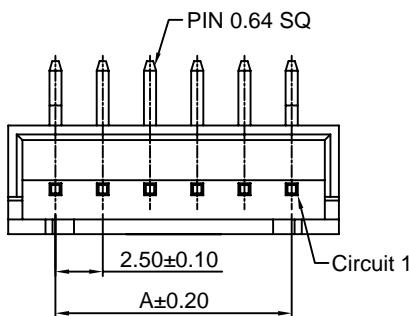
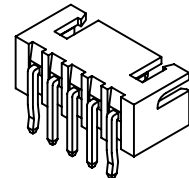
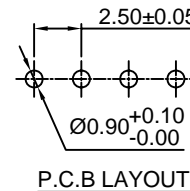
2.5mm pitch 90° Wafer

#### Reference Informations:

- \*Material: Pin: Brass/Tin over Nickel  
Insulator: Nylon 66, UL94V-0
- \*Mates with CJT A2501 series Housing
- \*Color: White

Ordering Information:  
A2501WVR-XP - \*\* - \*\*  
1 2 3

1. Part No
2. Style:  
(blank) : Type 1  
2 : Type 2
3. Color:  
(blank): White  
BL: Blue  
BK: Black  
RD: Red  
YL: Yellow  
GN: Green



TYPE 1

TYPE 2

Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2501WVR-2P	2.50	7.50
A2501WVR-3P	5.00	10.00
A2501WVR-4P	7.50	12.50
A2501WVR-5P	10.00	15.00
A2501WVR-6P	12.50	17.50
A2501WVR-7P	15.00	20.00
A2501WVR-8P	17.50	22.50
A2501WVR-9P	20.00	25.00
A2501WVR-10P	22.50	27.50
A2501WVR-11P	25.00	30.00
A2501WVR-12P	27.50	32.50
A2501WVR-13P	30.00	35.00
A2501WVR-14P	32.50	37.50
A2501WVR-15P	35.00	40.00
A2501WVR-16P	37.50	42.50
A2501WVR-17P	40.00	45.00
A2501WVR-18P	42.50	47.50
A2501WVR-19P	45.00	50.00
A2501WVR-20P	47.50	52.50

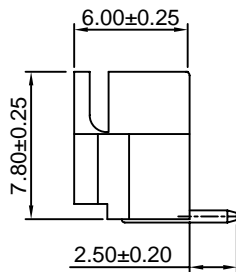
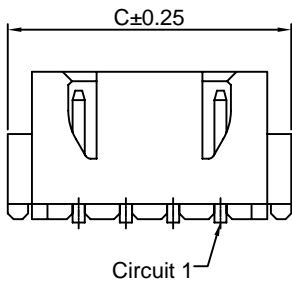
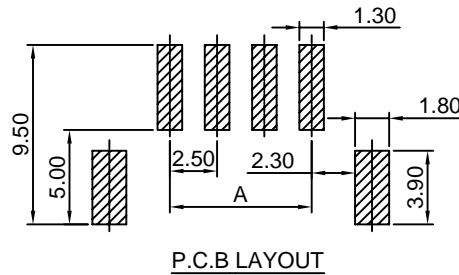
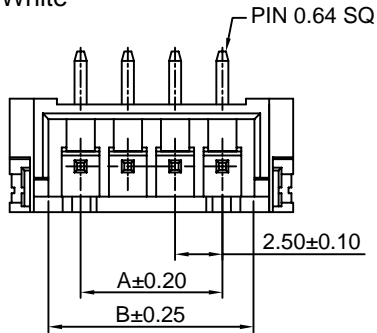
Unit: mm

## A2501WV-S

2.50mm pitch 180° Wafer - SMT TYPE

**Reference Informations:**

- \*Material:Pin:Brass/Tin over Nickel  
Solder Tabs:Phosphor Bronze/Tin over Nickel  
Insulator:LCP,UL94V-0
- \*Mates with CJT A2501 series Housing
- \*Color:White


**Ordering Information & Dimensions:**

PART NO.	Dimensions		
	A	B	C
A2501WV-S-2P	2.50	5.90	10.00
A2501WV-S-3P	5.00	8.40	12.50
A2501WV-S-4P	7.50	10.90	15.00
A2501WV-S-5P	10.00	13.40	17.50
A2501WV-S-6P	12.50	15.90	20.00
A2501WV-S-7P	15.00	18.40	22.50
A2501WV-S-8P	17.50	20.90	25.00
A2501WV-S-9P	20.00	23.40	27.50
A2501WV-S-10P	22.50	25.90	30.00
A2501WV-S-11P	25.00	28.40	32.50
A2501WV-S-12P	27.50	30.90	35.00
A2501WV-S-13P	30.00	33.40	37.50
A2501WV-S-14P	32.50	35.90	40.00
A2501WV-S-15P	35.00	38.40	42.50
A2501WV-S-16P	37.50	40.90	45.00

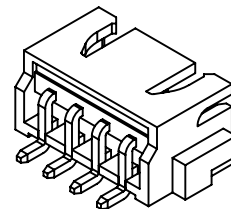
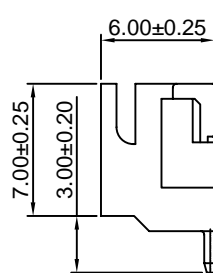
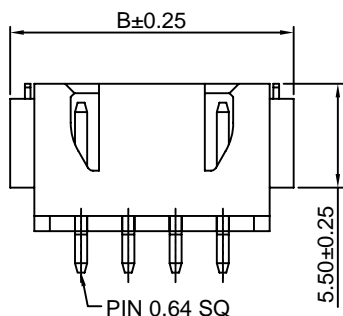
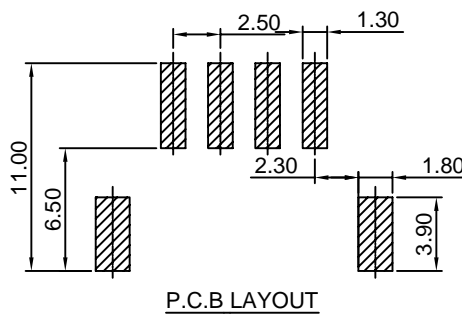
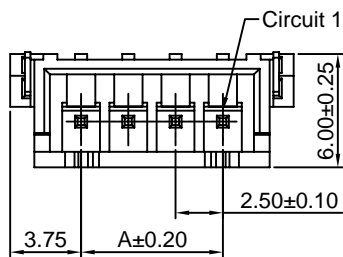
Unit: mm

## A2501WR-S

2.50mm pitch 90° Wafer - SMT TYPE

**Reference Informations:**

- \*Material:Pin:Brass/Tin over Nickel  
Insulator:Nylon 6T,UL94V-0
- \*Mates with CJT A2501 series Housing
- \*Color:White


**Ordering Information & Dimensions:**

PART NO.	Dimensions	
	A	B
A2501WR-S-2P	2.50	10.00
A2501WR-S-3P	5.00	12.50
A2501WR-S-4P	7.50	15.00
A2501WR-S-5P	10.00	17.50
A2501WR-S-6P	12.50	20.00
A2501WR-S-7P	15.00	22.50
A2501WR-S-8P	17.50	25.00
A2501WR-S-9P	20.00	27.50
A2501WR-S-10P	22.50	30.00
A2501WR-S-11P	25.00	32.50
A2501WR-S-12P	27.50	35.00
A2501WR-S-13P	30.00	37.50
A2501WR-S-14P	32.50	40.00
A2501WR-S-15P	35.00	42.50
A2501WR-S-16P	37.50	45.00
A2501WR-S-17P	40.00	47.50
A2501WR-S-18P	42.50	50.00
A2501WR-S-19P	45.00	52.50
A2501WR-S-20P	47.50	55.00

Unit: mm

**A2501WRA-S-F-2P**

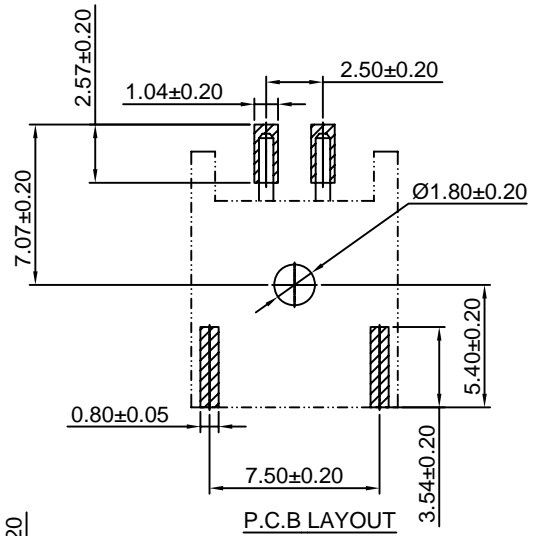
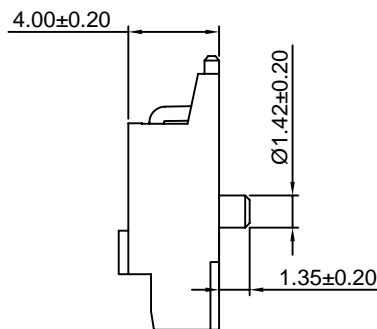
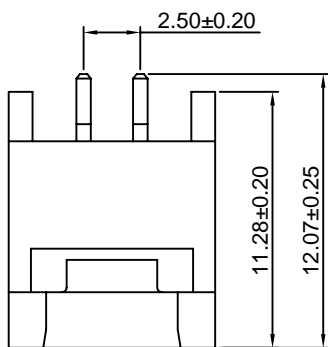
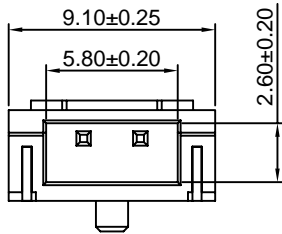
2.50mm pitch 90° Wafer - SMT TYPE

**Reference Informations:**

\*Material:Pin:Copper Alloy/Tin Over Nickel

Insulator:Nylon 9T, UL94V-0

\*Color:Ivory

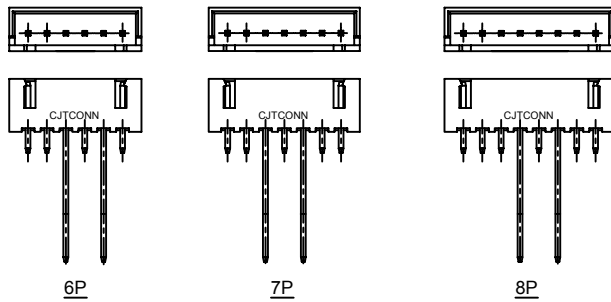
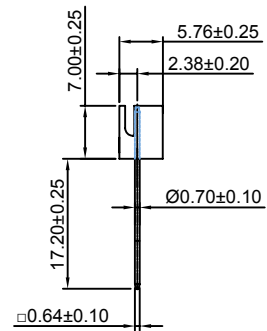
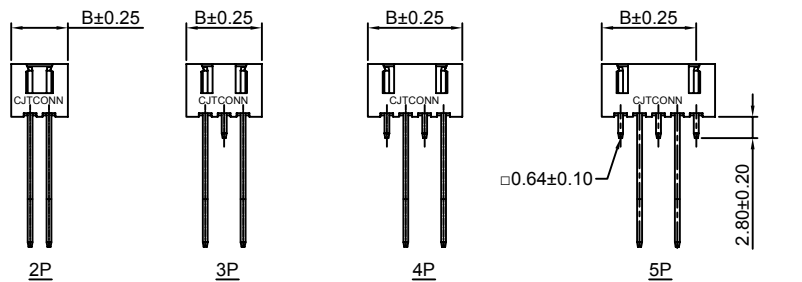
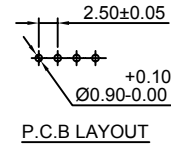
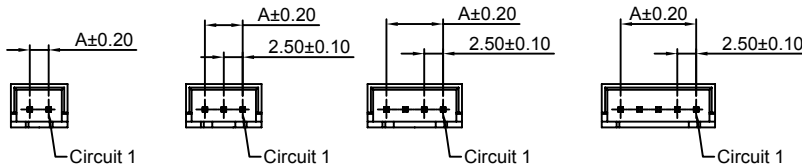
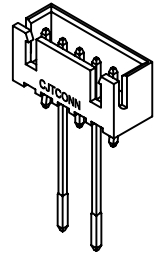


### A2501WVT

2.5mm pitch 180° Wafer ON RADIAL-TAPE

#### Reference Informations:

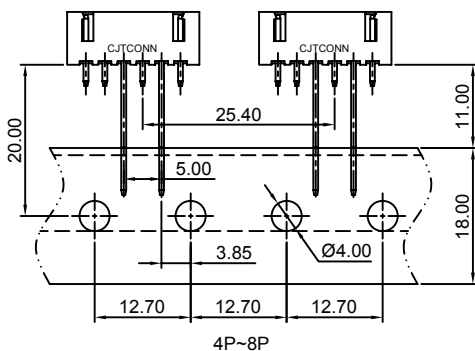
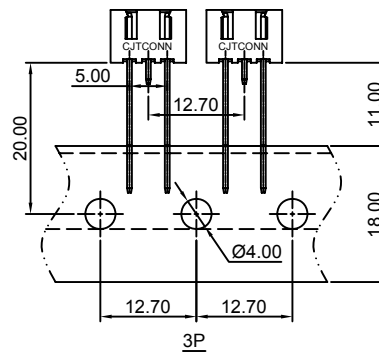
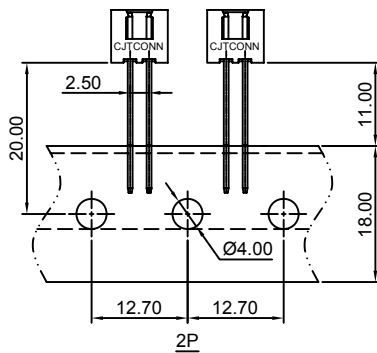
- \*Material: Pin: Brass/Tin over Nickel  
Insulator: Nylon66, UL94V-0
- \*Mates with CJT A2501H series Housing
- \*Color: White



#### Ordering Information:

A2501WVT-XP - \*\*

- Part No.
- Color:  
(blank): White  
BL: Blue  
BK: Black  
RD: Red  
YL: Yellow  
GN: Green



#### Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A2501WVT-2P	2.50	7.50
A2501WVT-3P	5.00	10.00
A2501WVT-4P	7.50	12.50
A2501WVT-5P	10.00	15.00
A2501WVT-6P	12.50	17.50
A2501WVT-7P	15.00	20.00
A2501WVT-8P	17.50	22.50

Unit: mm



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