

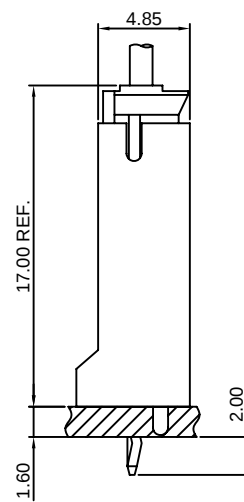
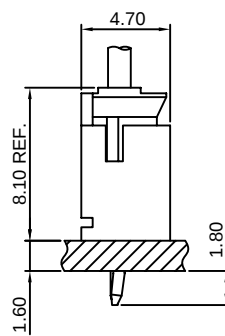
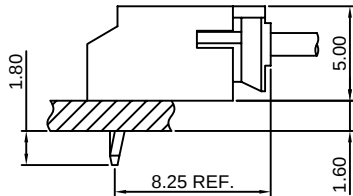
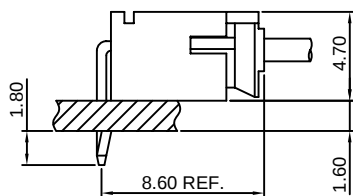
## Specifications

Current rating: 2A AC, DC  
Voltage rating: 100V AC, DC  
Temperature range: -40°C ~ +105°C  
Contact resistance: 10mΩ Max.  
Insulation resistance: 1000MΩ Min.  
Withstanding voltage: 800V AC/minute  
\*Compliant with RoHS and REACH\*  
\*Meet the HF/Halogen Free, need to customize\*  
\*Contact CJT for details\*

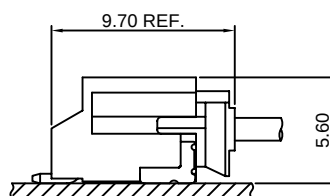
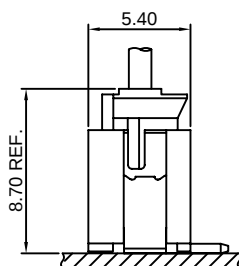
## Standards



## Assembly layout



DIP TYPE



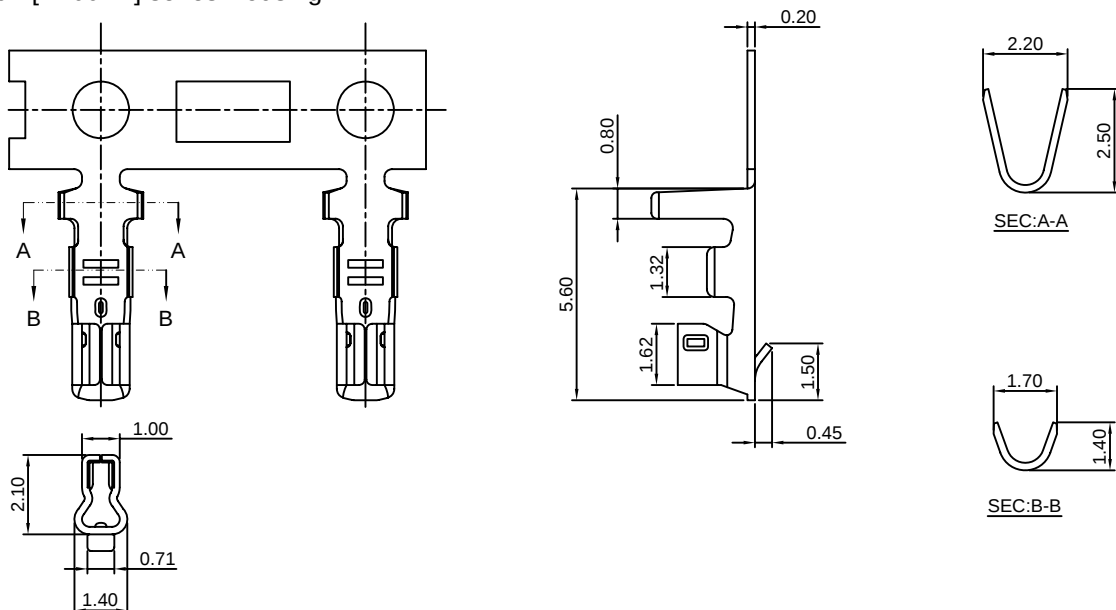
SMT TYPE

## A2001-T

2.00mm pitch Crimp Terminal

## Reference Informations:

\*Used in CJT [A2001H] series Housing



Ordering information &amp; Specifications:

Unit:mm

| Part NO  | Wire Range | Insulation O.D. | Material        | Finish           | Qty/reel   |
|----------|------------|-----------------|-----------------|------------------|------------|
| A2001-TP | AWG#24-#30 | 1.50mm(max)     | Phosphor Bronze | Tin over Nickel  | 10,000 PCS |
| A2001-GP | AWG#24-#30 | 1.50mm(max)     | Phosphor Bronze | Gold over Nickel | 10,000 PCS |

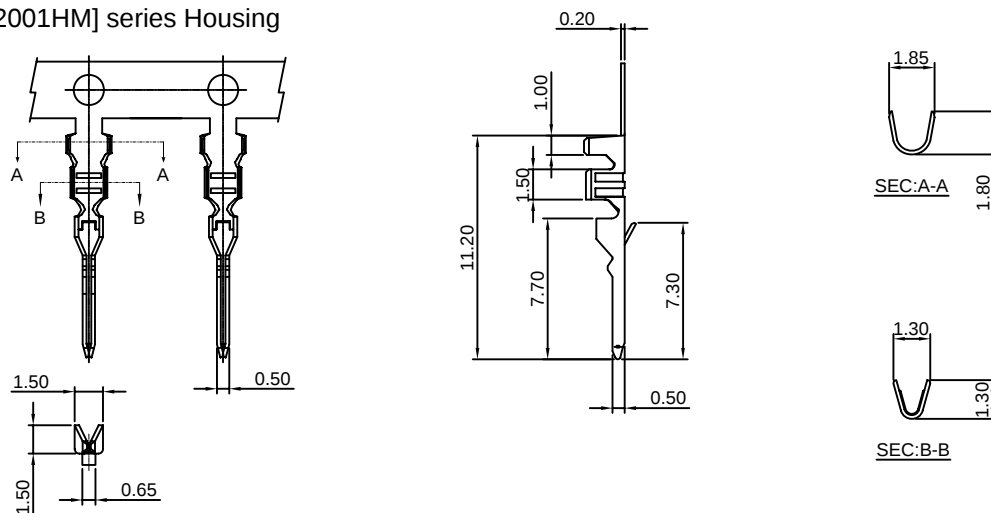
Optional Gold plating available but MOQ requested

## A2001M-T

2.00mm pitch Crimp Terminal

## Reference Informations:

\*Used in CJT [A2001HM] series Housing



Ordering information &amp; Specifications:

Unit:mm

| Part NO   | Wire Range | Insulation O.D. | Material        | Finish           | Qty/reel   |
|-----------|------------|-----------------|-----------------|------------------|------------|
| A2001M-TP | AWG#24-#30 | 1.50mm(max)     | Phosphor Bronze | Tin over Nickel  | 10,000 PCS |
| A2001M-TB | AWG#24-#30 | 1.50mm(max)     | Brass           | Tin over Nickel  | 10,000 PCS |
| A2001M-GP | AWG#24-#30 | 1.50mm(max)     | Phosphor Bronze | Gold over Nickel | 10,000 PCS |
| A2001M-GB | AWG#24-#30 | 1.50mm(max)     | Brass           | Gold over Nickel | 10,000 PCS |

Optional Gold plating available but MOQ requested

## A2001H

2.00mm pitch Housing

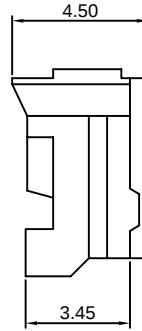
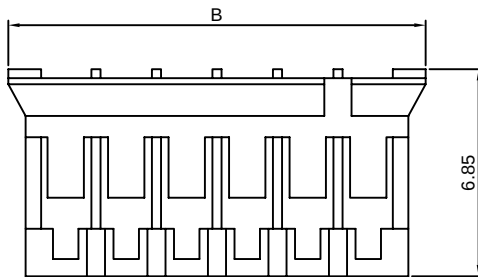
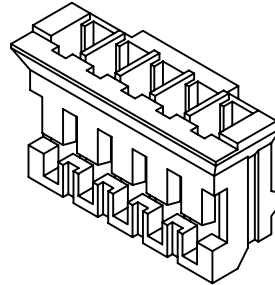
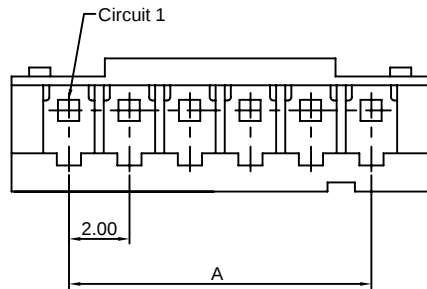
## Reference Informations:

\*Material:Nylon 66,UL94V-0

\*Suitable CJT [A2001-T] series Terminal

\*Mates with CJT [A2001WV,A2001WR,A2001WV-S,A2001WR-S,  
A2001WVR,A2001WV-F-H] series Wafer

\*Color:White



## Ordering Information &amp; Dimensions:

| PART NO.   | Dimensions |       |
|------------|------------|-------|
|            | A          | B     |
| A2001H-2P  | 2.00       | 5.80  |
| A2001H-3P  | 4.00       | 7.80  |
| A2001H-4P  | 6.00       | 9.80  |
| A2001H-5P  | 8.00       | 11.80 |
| A2001H-6P  | 10.00      | 13.80 |
| A2001H-7P  | 12.00      | 15.80 |
| A2001H-8P  | 14.00      | 17.80 |
| A2001H-9P  | 16.00      | 19.80 |
| A2001H-10P | 18.00      | 21.80 |
| A2001H-11P | 20.00      | 23.80 |
| A2001H-12P | 22.00      | 25.80 |
| A2001H-13P | 24.00      | 27.80 |
| A2001H-14P | 26.00      | 29.80 |
| A2001H-15P | 28.00      | 31.80 |
| A2001H-16P | 30.00      | 33.80 |
| A2001H-17P | 32.00      | 35.80 |
| A2001H-18P | 34.00      | 37.80 |
| A2001H-19P | 36.00      | 39.80 |
| A2001H-20P | 38.00      | 41.80 |

Unit: mm

## A2001HM

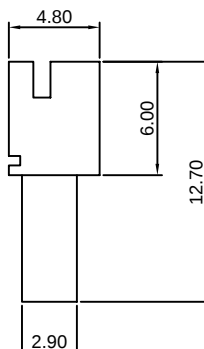
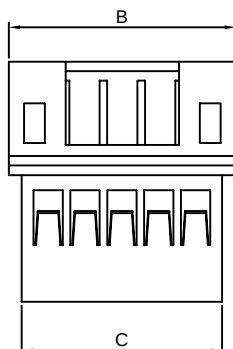
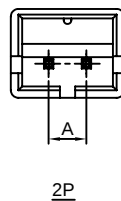
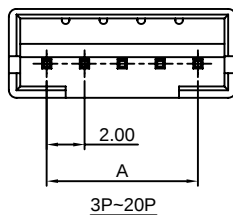
2.00mm pitch Housing

## Reference Informations:

\*Material:Nylon 66,UL94V-0

\*Suitable CJT [A2001M-T] series Terminal

\*Color:White



## Ordering Information:

A2001HM-XP - \*\*

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

## Ordering Information &amp; Dimensions:

| PART NO.    | Dimensions |       |       |
|-------------|------------|-------|-------|
|             | A          | B     | C     |
| A2001HM-2P  | 2.00       | 6.00  | 4.60  |
| A2001HM-3P  | 4.00       | 8.00  | 6.60  |
| A2001HM-4P  | 6.00       | 10.00 | 8.60  |
| A2001HM-5P  | 8.00       | 12.00 | 10.60 |
| A2001HM-6P  | 10.00      | 14.00 | 12.60 |
| A2001HM-7P  | 12.00      | 16.00 | 14.60 |
| A2001HM-8P  | 14.00      | 18.00 | 16.60 |
| A2001HM-9P  | 16.00      | 20.00 | 18.60 |
| A2001HM-10P | 18.00      | 22.00 | 20.60 |
| A2001HM-11P | 20.00      | 24.00 | 22.60 |
| A2001HM-12P | 22.00      | 26.00 | 24.60 |
| A2001HM-13P | 24.00      | 28.00 | 26.60 |
| A2001HM-14P | 26.00      | 30.00 | 28.60 |
| A2001HM-15P | 28.00      | 32.00 | 30.60 |
| A2001HM-16P | 30.00      | 34.00 | 32.60 |
| A2001HM-17P | 32.00      | 36.00 | 34.60 |
| A2001HM-18P | 34.00      | 38.00 | 36.60 |
| A2001HM-19P | 36.00      | 40.00 | 38.60 |
| A2001HM-20P | 38.00      | 42.00 | 40.60 |

Unit: mm

## A2001WV

2.00mm pitch 180° Wafer

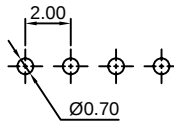
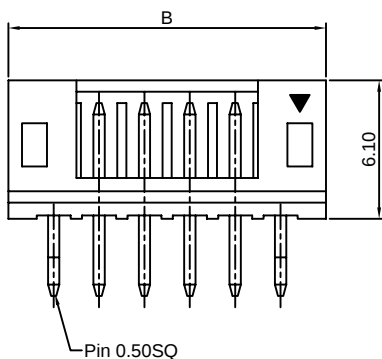
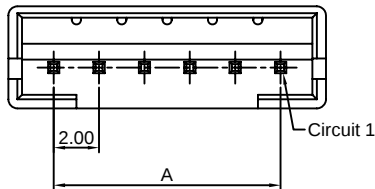
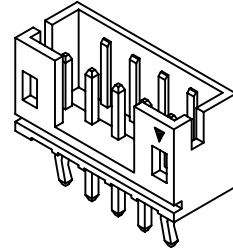
## Reference Informations:

- \*Material:Pin:Brass/Tin over Nickel  
Insulator:Nylon 66,UL94V-0
- \*Mates with CJT [A2001H] series Housing
- \*Color:White

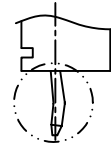
## Ordering Information:

A2001WV-XP - \*\*

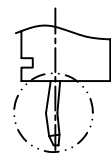
1. Part No.  
2. Style:  
(blank) : Type 1  
2 : Type 2  
3 : Type 3



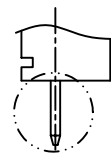
P.C.B LAYOUT



TYPE 1



TYPE 2



TYPE 3

## Ordering Information &amp; Dimensions:

| PART NO.    | Dimensions |       |
|-------------|------------|-------|
|             | A          | B     |
| A2001WV-2P  | 2.00       | 6.00  |
| A2001WV-3P  | 4.00       | 8.00  |
| A2001WV-4P  | 6.00       | 10.00 |
| A2001WV-5P  | 8.00       | 12.00 |
| A2001WV-6P  | 10.00      | 14.00 |
| A2001WV-7P  | 12.00      | 16.00 |
| A2001WV-8P  | 14.00      | 18.00 |
| A2001WV-9P  | 16.00      | 20.00 |
| A2001WV-10P | 18.00      | 22.00 |
| A2001WV-11P | 20.00      | 24.00 |
| A2001WV-12P | 22.00      | 26.00 |
| A2001WV-13P | 24.00      | 28.00 |
| A2001WV-14P | 26.00      | 30.00 |
| A2001WV-15P | 28.00      | 32.00 |
| A2001WV-16P | 30.00      | 34.00 |
| A2001WV-17P | 32.00      | 36.00 |
| A2001WV-18P | 34.00      | 38.00 |
| A2001WV-19P | 36.00      | 40.00 |
| A2001WV-20P | 38.00      | 42.00 |

Unit: mm

## A2001WR

2.00mm pitch 90° Wafer

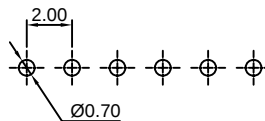
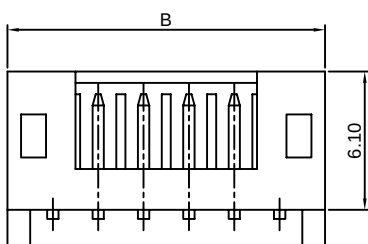
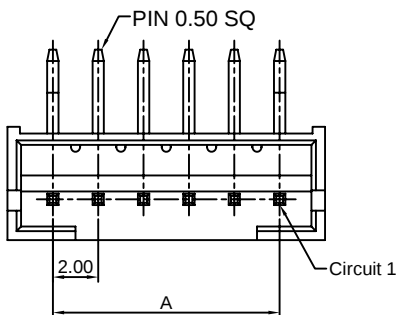
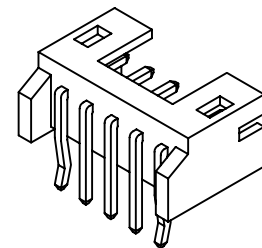
## Reference Informations:

- \*Material:Pin:Brass/Tin over Nickel  
Insulator:Nylon 66,UL94V-0
- \*Mates with CJT [A2001H] series Housing
- \*Color:White

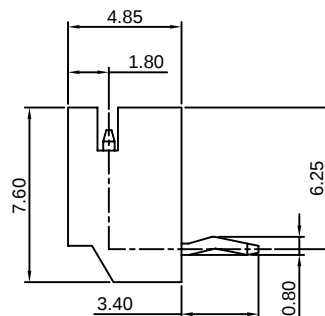
## Ordering Information:

A2001WR-XP - \*\*

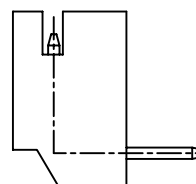
1. Part No.  
2. Style:  
(blank) : Type 1  
2 : Type 2



P.C.B LAYOUT



TYPE 1



TYPE 2

## Ordering Information &amp; Dimensions:

| PART NO.    | Dimensions |       |
|-------------|------------|-------|
|             | A          | B     |
| A2001WR-2P  | 2.00       | 6.00  |
| A2001WR-3P  | 4.00       | 8.00  |
| A2001WR-4P  | 6.00       | 10.00 |
| A2001WR-5P  | 8.00       | 12.00 |
| A2001WR-6P  | 10.00      | 14.00 |
| A2001WR-7P  | 12.00      | 16.00 |
| A2001WR-8P  | 14.00      | 18.00 |
| A2001WR-9P  | 16.00      | 20.00 |
| A2001WR-10P | 18.00      | 22.00 |
| A2001WR-11P | 20.00      | 24.00 |
| A2001WR-12P | 22.00      | 26.00 |
| A2001WR-13P | 24.00      | 28.00 |
| A2001WR-14P | 26.00      | 30.00 |
| A2001WR-15P | 28.00      | 32.00 |
| A2001WR-16P | 30.00      | 34.00 |
| A2001WR-17P | 32.00      | 36.00 |
| A2001WR-18P | 34.00      | 38.00 |
| A2001WR-19P | 36.00      | 40.00 |
| A2001WR-20P | 38.00      | 42.00 |

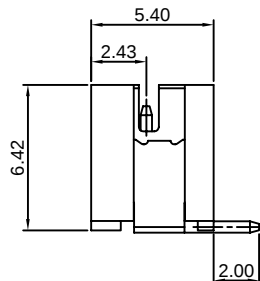
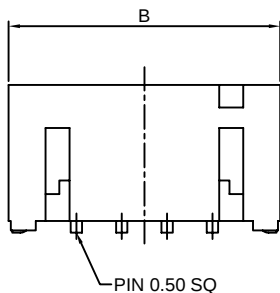
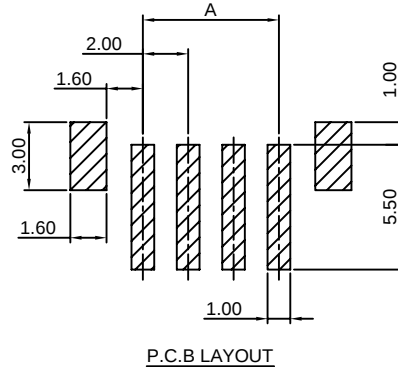
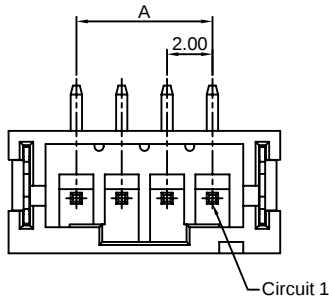
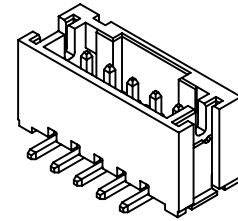
Unit: mm

## A2001WV-S

2.00mm pitch 180° Wafer-SMT TYPE

## Reference Informations:

- \*Material:Pin:Brass/Tin over Nickel  
Insulator:Nylon 6T,UL94V-0
- \*Mates with CJT [A2001H] series Housing
- \*Color:Ivory



## Ordering Information &amp; Dimensions:

| PART NO.      | Dimensions |       |
|---------------|------------|-------|
|               | A          | B     |
| A2001WV-S-2P  | 2.00       | 8.00  |
| A2001WV-S-3P  | 4.00       | 10.00 |
| A2001WV-S-4P  | 6.00       | 12.00 |
| A2001WV-S-5P  | 8.00       | 14.00 |
| A2001WV-S-6P  | 10.00      | 16.00 |
| A2001WV-S-7P  | 12.00      | 18.00 |
| A2001WV-S-8P  | 14.00      | 20.00 |
| A2001WV-S-9P  | 16.00      | 22.00 |
| A2001WV-S-10P | 18.00      | 24.00 |
| A2001WV-S-11P | 20.00      | 26.00 |
| A2001WV-S-12P | 22.00      | 28.00 |
| A2001WV-S-13P | 24.00      | 30.00 |
| A2001WV-S-14P | 26.00      | 32.00 |
| A2001WV-S-15P | 28.00      | 34.00 |
| A2001WV-S-16P | 30.00      | 36.00 |
| A2001WV-S-17P | 32.00      | 38.00 |
| A2001WV-S-18P | 34.00      | 40.00 |
| A2001WV-S-19P | 36.00      | 42.00 |
| A2001WV-S-20P | 38.00      | 44.00 |

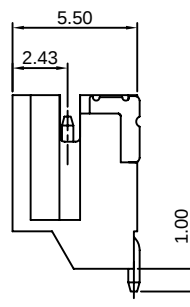
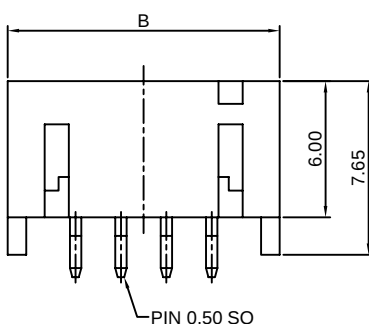
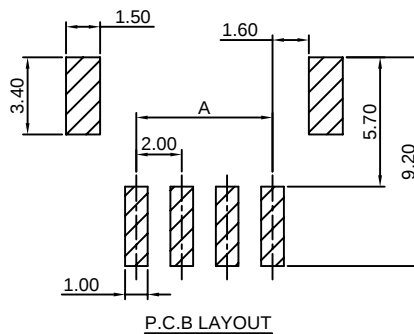
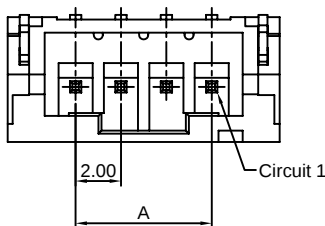
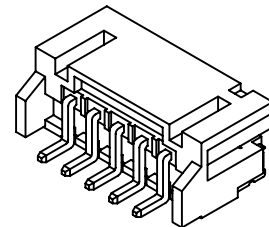
Unit: mm

## A2001WR-S

2.00mm pitch 90° Wafer-SMT TYPE

## Reference Informations:

- \*Material:Pin:Brass/Tin over Nickel  
Insulator:Nylon 6T,UL94V-0
- \*Mates with CJT [A2001H] series Housing
- \*Color:Ivory



## Ordering Information &amp; Dimensions:

| PART NO.      | Dimensions |       |
|---------------|------------|-------|
|               | A          | B     |
| A2001WR-S-2P  | 2.00       | 8.00  |
| A2001WR-S-3P  | 4.00       | 10.00 |
| A2001WR-S-4P  | 6.00       | 12.00 |
| A2001WR-S-5P  | 8.00       | 14.00 |
| A2001WR-S-6P  | 10.00      | 16.00 |
| A2001WR-S-7P  | 12.00      | 18.00 |
| A2001WR-S-8P  | 14.00      | 20.00 |
| A2001WR-S-9P  | 16.00      | 22.00 |
| A2001WR-S-10P | 18.00      | 24.00 |
| A2001WR-S-11P | 20.00      | 26.00 |
| A2001WR-S-12P | 22.00      | 28.00 |
| A2001WR-S-13P | 24.00      | 30.00 |
| A2001WR-S-14P | 26.00      | 32.00 |
| A2001WR-S-15P | 28.00      | 34.00 |
| A2001WR-S-16P | 30.00      | 36.00 |
| A2001WR-S-17P | 32.00      | 38.00 |
| A2001WR-S-18P | 34.00      | 40.00 |
| A2001WR-S-19P | 36.00      | 42.00 |
| A2001WR-S-20P | 38.00      | 44.00 |

Unit: mm

## A2001WVR

2.00mm pitch 90° Wafer

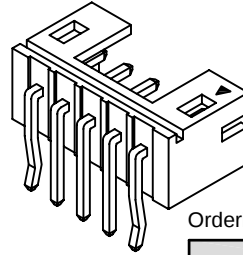
## Reference Informations:

- \*Material: Pin: Brass/Tin over Nickel  
Insulator: Nylon 66, UL94V-0
- \*Mates with CJT [A2001H] series Housing
- \*Color: White

## Ordering Information:

A2001WVR-XP - \*\*

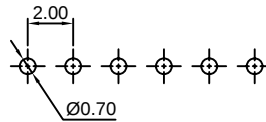
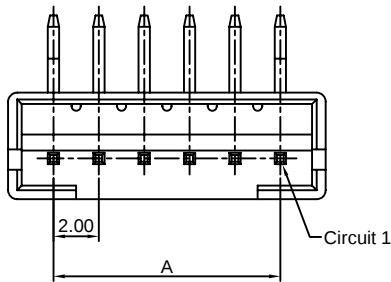
1. Part No.
2. Style:  
(blank) : Type 1  
2 : Type 2



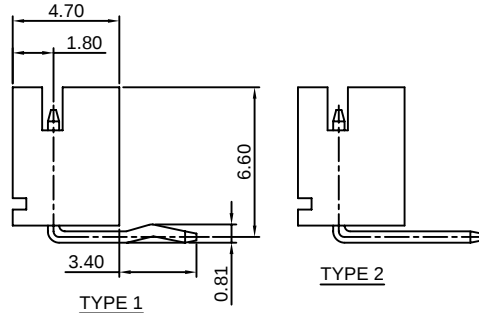
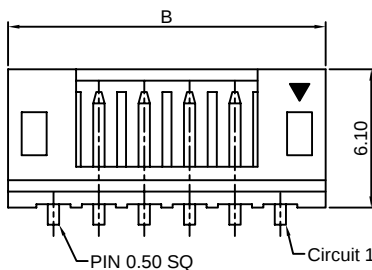
## Ordering Information &amp; Dimensions:

| PART NO.     | Dimensions |       |
|--------------|------------|-------|
|              | A          | B     |
| A2001WVR-2P  | 2.00       | 6.00  |
| A2001WVR-3P  | 4.00       | 8.00  |
| A2001WVR-4P  | 6.00       | 10.00 |
| A2001WVR-5P  | 8.00       | 12.00 |
| A2001WVR-6P  | 10.00      | 14.00 |
| A2001WVR-7P  | 12.00      | 16.00 |
| A2001WVR-8P  | 14.00      | 18.00 |
| A2001WVR-9P  | 16.00      | 20.00 |
| A2001WVR-10P | 18.00      | 22.00 |
| A2001WVR-11P | 20.00      | 24.00 |
| A2001WVR-12P | 22.00      | 26.00 |
| A2001WVR-13P | 24.00      | 28.00 |
| A2001WVR-14P | 26.00      | 30.00 |
| A2001WVR-15P | 28.00      | 32.00 |
| A2001WVR-16P | 30.00      | 34.00 |
| A2001WVR-17P | 32.00      | 36.00 |
| A2001WVR-18P | 34.00      | 38.00 |
| A2001WVR-19P | 36.00      | 40.00 |
| A2001WVR-20P | 38.00      | 42.00 |

Unit: mm



P.C.B LAYOUT



TYPE 1

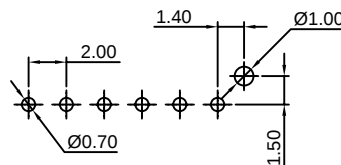
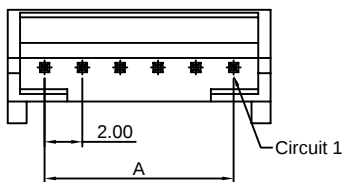
TYPE 2

## A2001WV-F-H

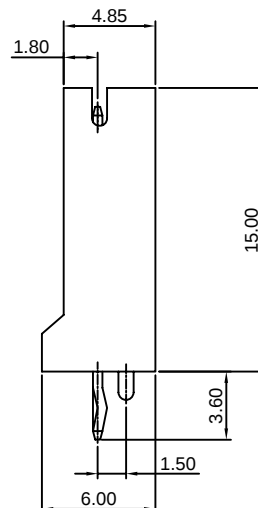
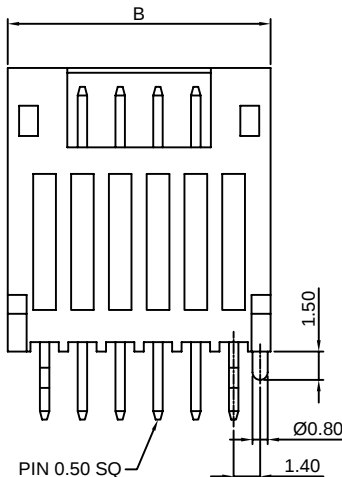
2.00mm pitch 180° Wafer-High box type

## Reference Informations:

- \*Material: Pin: Brass/Tin over Nickel  
Insulator: Nylon 6T, UL94V-0
- \*Mates with CJT [A2001H] series Housing
- \*Color: White



P.C.B LAYOUT



## Ordering Information &amp; Dimensions:

| PART NO.        | Dimensions |       |
|-----------------|------------|-------|
|                 | A          | B     |
| A2001WV-F-2P-H  | 2.00       | 6.00  |
| A2001WV-F-3P-H  | 4.00       | 8.00  |
| A2001WV-F-4P-H  | 6.00       | 10.00 |
| A2001WV-F-5P-H  | 8.00       | 12.00 |
| A2001WV-F-6P-H  | 10.00      | 14.00 |
| A2001WV-F-7P-H  | 12.00      | 16.00 |
| A2001WV-F-8P-H  | 14.00      | 18.00 |
| A2001WV-F-9P-H  | 16.00      | 20.00 |
| A2001WV-F-10P-H | 18.00      | 22.00 |
| A2001WV-F-11P-H | 20.00      | 24.00 |
| A2001WV-F-12P-H | 22.00      | 26.00 |
| A2001WV-F-13P-H | 24.00      | 28.00 |
| A2001WV-F-14P-H | 26.00      | 30.00 |
| A2001WV-F-15P-H | 28.00      | 32.00 |
| A2001WV-F-16P-H | 30.00      | 34.00 |
| A2001WV-F-17P-H | 32.00      | 36.00 |
| A2001WV-F-18P-H | 34.00      | 38.00 |
| A2001WV-F-19P-H | 36.00      | 40.00 |
| A2001WV-F-20P-H | 38.00      | 42.00 |

Unit: mm

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