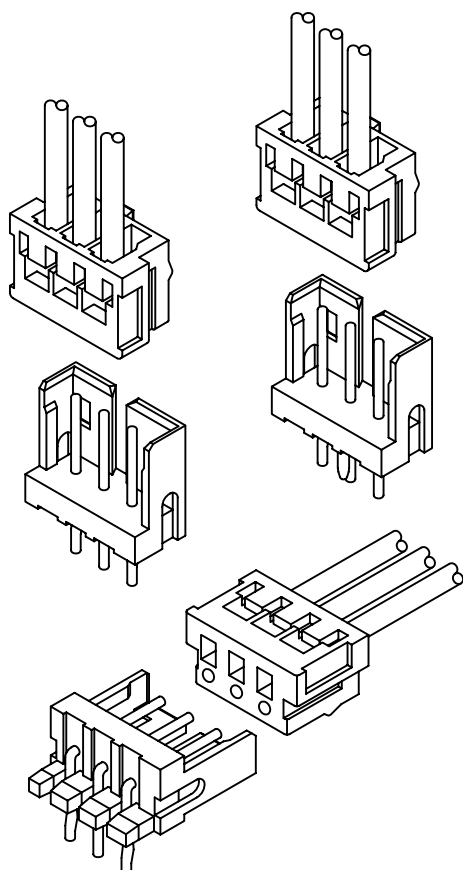




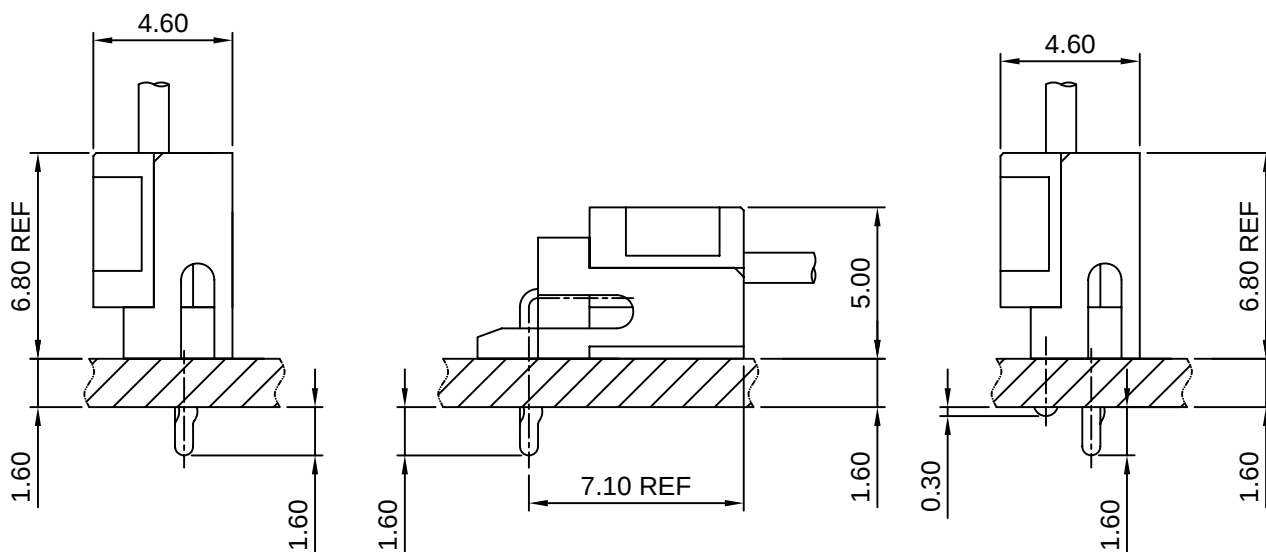
## **Specifications**

Current rating:4A AC,DC  
Voltage rating:125V AC,DC  
Temperature range:-40°C~+105°C  
Contact resistance:10mΩMax.  
Insulation resistance:1000MΩMin.  
Withstanding voltage:1000V AC/minute  
\*Compliant with RoHS and REACH\*  
\*Meet the HF/Halogen Free,need to customize\*  
\*Contact CJT for details\*

## **Standards**



## **Assembly layout**



# CJTconn A2007 SERIES

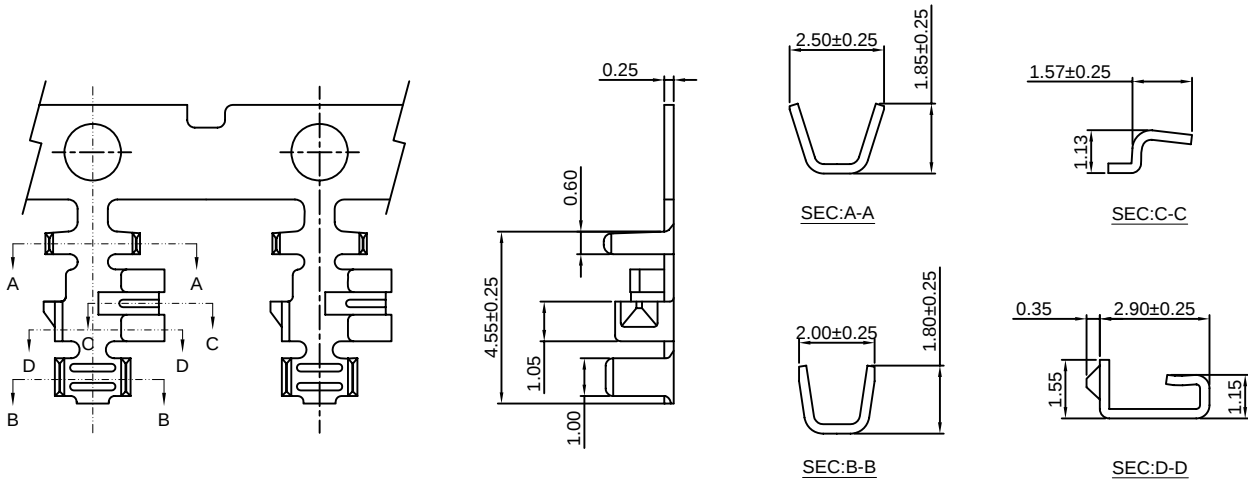
2.00mm pitch wire to board connector

## A2007-T

2.00mm pitch Crimp Terminal

### Reference Informations:

\*Used in CJT A2007H-XP series Housing



Ordering information & Specifications:

Unit:mm

| Part NO. | Wire Range | Insulation O.D. | Material        | Finish           | Qty/reel   |
|----------|------------|-----------------|-----------------|------------------|------------|
| A2007-TP | AWG#22-#26 | 1.50mm(max)     | Phosphor Bronze | Tin over Nickel  | 10,000 PCS |
| A2007-GP | AWG#22-#26 | 1.50mm(max)     | Phosphor Bronze | Gold over Nickel | 10,000 PCS |

Optional Gold plating available but MOQ requested

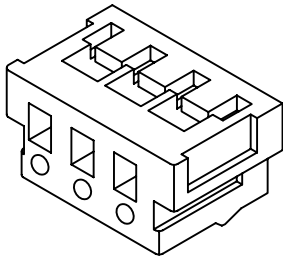
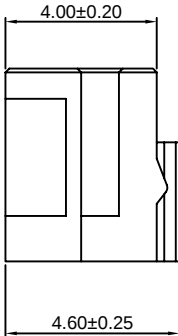
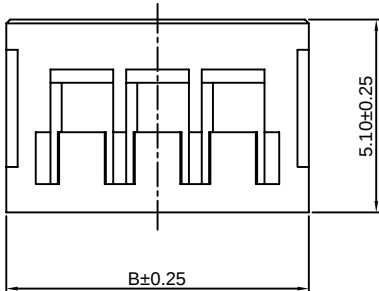
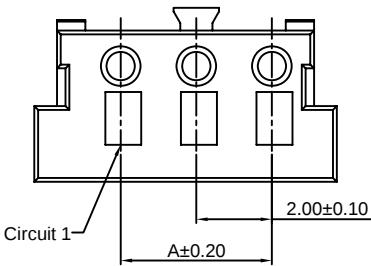
## A2007H-XP

2.00mm pitch Housing

### Reference Informations:

- \*Material:Nylon 66,UL94V-0
- \*Suitable CJT A2007-T series Terminal
- \*Mates with CJT A2007WV,WR,WR-S,WR-S-F-XP, A2007WVD,WRD-XP series Wafer
- \*Color:White

Ordering Information:  
A2007H-XP - \*\*\* - \*\*  
1 2 3  
1. Part No.  
2. Material:  
(Blank):Nylon 66,UL94V-0  
GWT :Nylon 66,UL94V-0 GWT 750℃  
3. Color:  
(Blank):White  
BK:Black  
BL:Blue  
YL:Yellow



Ordering Information & Dimensions:

| PART NO. | Dimensions |       |
|----------|------------|-------|
|          | A          | B     |
| 2P       | 2.00       | 5.60  |
| 3P       | 4.00       | 7.60  |
| 4P       | 6.00       | 9.60  |
| 5P       | 8.00       | 11.60 |
| 6P       | 10.00      | 13.60 |
| 7P       | 12.00      | 15.60 |
| 8P       | 14.00      | 17.60 |
| 9P       | 16.00      | 19.60 |
| 10P      | 18.00      | 21.60 |
| 11P      | 20.00      | 23.60 |
| 12P      | 22.00      | 25.60 |
| 13P      | 24.00      | 27.60 |
| 14P      | 26.00      | 29.60 |
| 15P      | 28.00      | 31.60 |

Unit: mm



## A2007 SERIES

2.00mm pitch wire to board connector

### A2007HD-XP

2.00mm pitch IDC Housing

#### Reference Informations:

##### \*Material:

Terminal: Phosphor Bronze/Tin over Nickel  
Housing: Nylon 66, UL94V-0

\*Mates with CJT A2007WV, WR, WR-S, WR-S-F-XP, A2007WVD, WRD-XP series Wafer

\*Color: White

#### Ordering Information:

A2007HD-XP - \*\*\* - \*\*  
1 2 3

1. Part No.

2. Material:

(Blank): Nylon 66, UL94V-0

GWT: Nylon 66, UL94V-0 GWT 750 °C

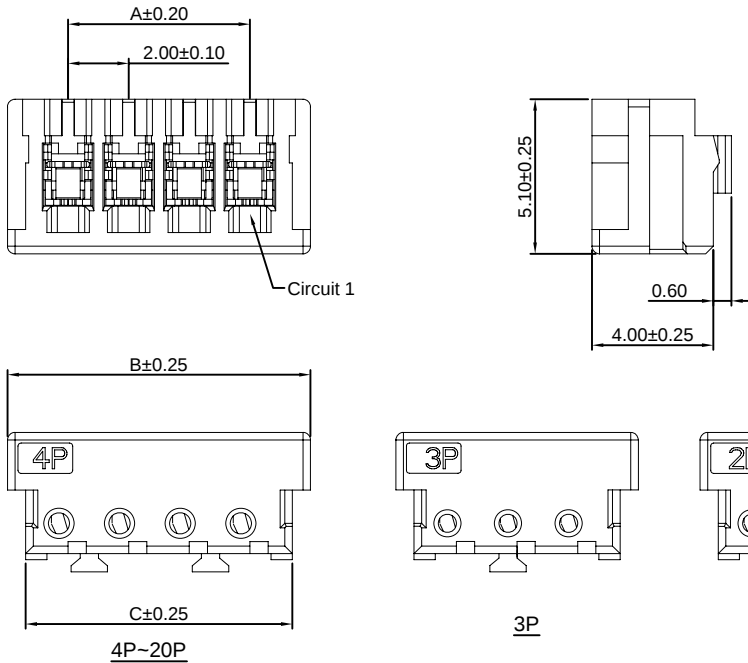
3. Color:

(Blank): White

BK: Black

BL: Blue

YL: Yellow



#### Ordering Information & Dimensions:

| PART NO. | Dimensions |       |       |
|----------|------------|-------|-------|
|          | A          | B     | C     |
| 2P       | 2.00       | 6.00  | 4.80  |
| 3P       | 4.00       | 8.00  | 6.80  |
| 4P       | 6.00       | 10.00 | 8.80  |
| 5P       | 8.00       | 12.00 | 10.80 |
| 6P       | 10.00      | 14.00 | 12.80 |
| 7P       | 12.00      | 16.00 | 14.80 |
| 8P       | 14.00      | 18.00 | 16.80 |
| 9P       | 16.00      | 20.00 | 18.80 |
| 10P      | 18.00      | 22.00 | 20.80 |
| 11P      | 20.00      | 24.00 | 22.80 |
| 12P      | 22.00      | 26.00 | 24.80 |
| 13P      | 24.00      | 28.00 | 26.80 |
| 14P      | 26.00      | 30.00 | 28.80 |
| 15P      | 28.00      | 32.00 | 30.80 |

Unit: mm

### A2007WV-XP

2.00mm pitch 180° Wafer

#### Reference Informations:

\*Material: Pin: Brass/Tin over Nickel

Insulator: Nylon 66, UL94V-0

\*Mates with CJT A2007H, HD-XP series Housing

\*Color: White

#### Ordering Information:

A2007WV-XP - \*\*\* - \*\*  
1 2 3

1. Part No.

2. Material:

(Blank): Nylon 66, UL94V-0

GWT: Nylon 66, UL94V-0 GWT 750 °C

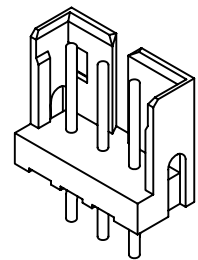
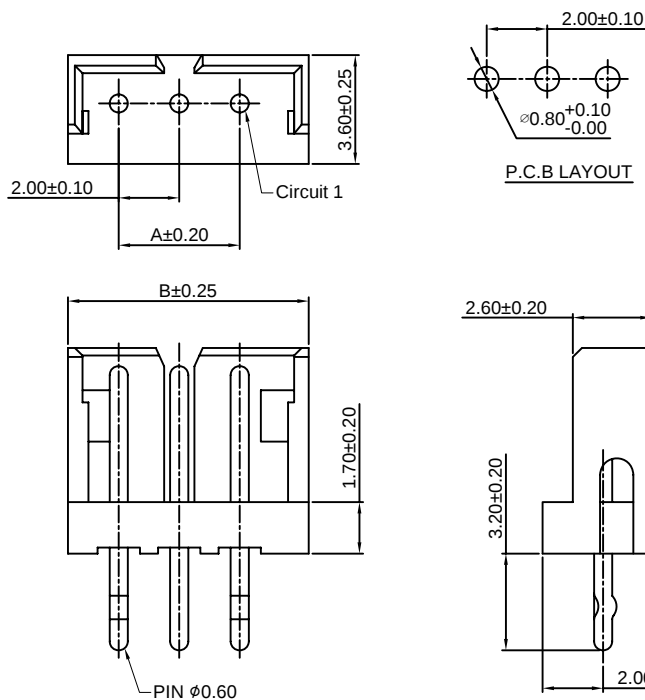
3. Color:

(Blank): White

BK: Black

BL: Blue

YL: Yellow



#### Ordering Information & Dimensions:

| PART NO. | Dimensions |       |
|----------|------------|-------|
|          | A          | B     |
| 2P       | 2.00       | 5.96  |
| 3P       | 4.00       | 7.96  |
| 4P       | 6.00       | 9.96  |
| 5P       | 8.00       | 11.96 |
| 6P       | 10.00      | 13.96 |
| 7P       | 12.00      | 15.96 |
| 8P       | 14.00      | 17.96 |
| 9P       | 16.00      | 19.96 |
| 10P      | 18.00      | 21.96 |
| 11P      | 20.00      | 23.96 |
| 12P      | 22.00      | 25.96 |
| 13P      | 24.00      | 27.96 |
| 14P      | 26.00      | 29.96 |
| 15P      | 28.00      | 31.96 |

Unit: mm



## A2007 SERIES

2.00mm pitch wire to board connector

### A2007WR-XP

2.00mm pitch 90° Wafer

#### Reference Informations:

- \*Material: Pin: Brass/Tin over Nickel  
Insulator: Nylon 66, UL94V-0
- \*Mates with CJT A2007H, HD-XP series Housing
- \*Color: White

#### Ordering Information:

A2007WR-XP - \*\*\* - \*\*  
1 2 3

1. Part No.

2. Material:

(Blank): Nylon 66, UL94V-0

GWT : Nylon 66, UL94V-0 GWT 750 °C

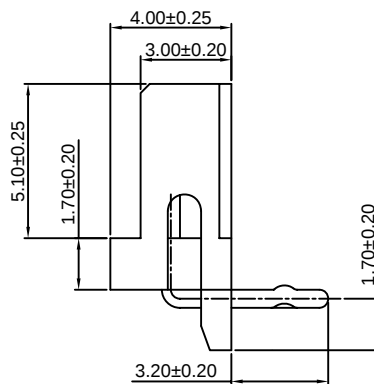
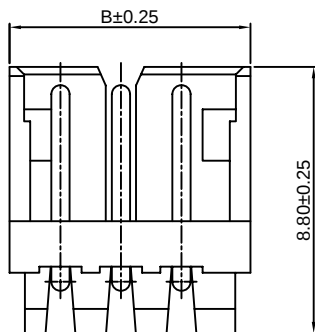
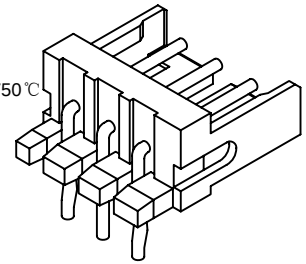
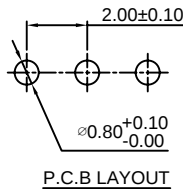
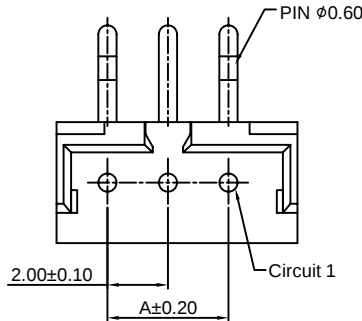
3. Color:

(Blank): White

BK: Black

BL: Blue

YL: Yellow



#### Ordering Information & Dimensions:

| PART NO. | Dimensions |       |
|----------|------------|-------|
|          | A          | B     |
| 2P       | 2.00       | 5.96  |
| 3P       | 4.00       | 7.96  |
| 4P       | 6.00       | 9.96  |
| 5P       | 8.00       | 11.96 |
| 6P       | 10.00      | 13.96 |
| 7P       | 12.00      | 15.96 |
| 8P       | 14.00      | 17.96 |
| 9P       | 16.00      | 19.96 |
| 10P      | 18.00      | 21.96 |
| 11P      | 20.00      | 23.96 |
| 12P      | 22.00      | 25.96 |
| 13P      | 24.00      | 27.96 |
| 14P      | 26.00      | 29.96 |
| 15P      | 28.00      | 31.96 |

Unit: mm

### A2007WVD-XP

2.00mm pitch 180° Wafer

#### Reference Informations:

- \*Material: Pin: Brass/Tin over Nickel  
Insulator: Nylon 66, UL94V-0
- \*Mates with CJT A2007H, HD-XP series Housing
- \*Color: White

#### Ordering Information:

A2007WVD-XP - \*\*\* - \*\*  
1 2 3

1. Part No.

2. Material:

(Blank): Nylon 66, UL94V-0

GWT : Nylon 66, UL94V-0 GWT 750 °C

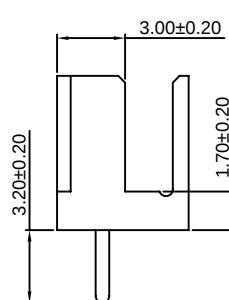
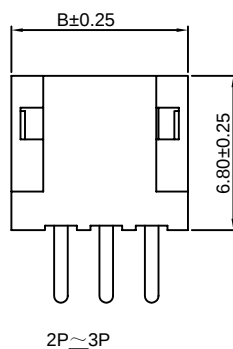
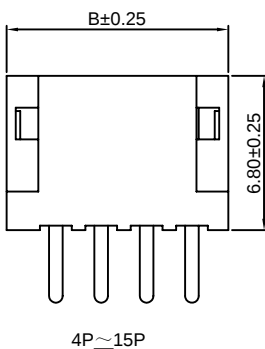
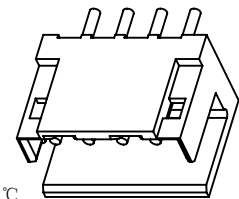
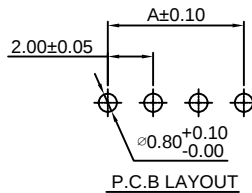
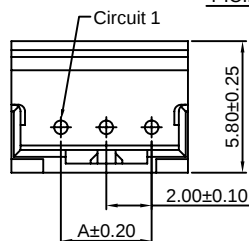
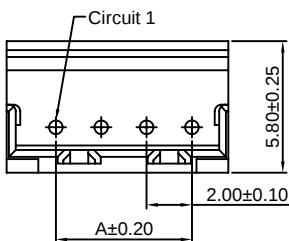
3. Color:

(Blank): White

BK: Black

BL: Blue

YL: Yellow



#### Ordering Information & Dimensions:

| PART NO. | Dimensions |       |
|----------|------------|-------|
|          | A          | B     |
| 2P       | 2.00       | 5.80  |
| 3P       | 4.00       | 7.80  |
| 4P       | 6.00       | 9.80  |
| 5P       | 8.00       | 11.80 |
| 6P       | 10.00      | 13.80 |
| 7P       | 12.00      | 15.80 |
| 8P       | 14.00      | 17.80 |
| 9P       | 16.00      | 19.80 |
| 10P      | 18.00      | 21.80 |
| 11P      | 20.00      | 23.80 |
| 12P      | 22.00      | 25.80 |
| 13P      | 24.00      | 27.80 |
| 14P      | 26.00      | 29.80 |
| 15P      | 28.00      | 31.80 |

Unit: mm



## A2007 SERIES

2.00mm pitch wire to board connector

### A2007WRD-XP

2.00mm pitch 90° Wafer

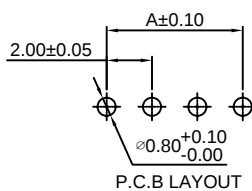
#### Reference Informations:

\*Material:Pin:Brass/Tin over Nickel

Insulator:Nylon 66,UL94V-0

\*Mates with CJT A2007H,HD-XP series Housing

\*Color:White



P.C.B LAYOUT

#### Ordering Information:

A2007WRD-XP - \*\*\* - \*\*  
1 2 3

1. Part No.

2. Material:

(Blank):Nylon 66,UL94V-0

GWT :Nylon 66,UL94V-0 GWT 750 °C

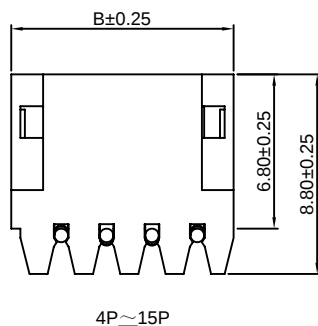
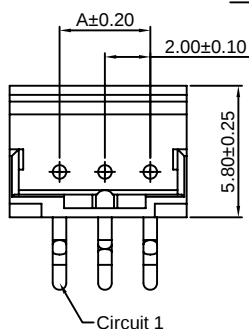
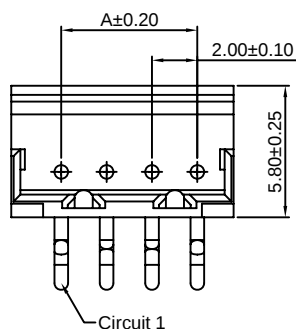
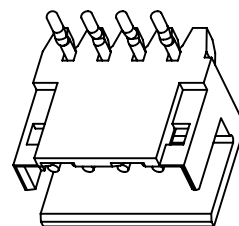
3. Color:

(Blank):White

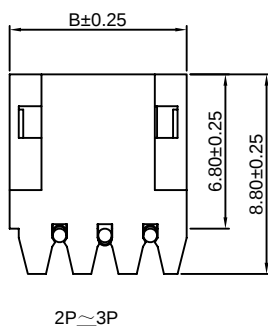
BK:Black

BL:Blue

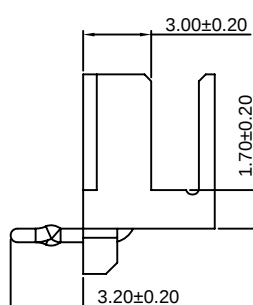
YL:Yellow



4P~15P



2P~3P



#### Ordering Information & Dimensions:

| PART NO. | Dimensions |       |
|----------|------------|-------|
|          | A          | B     |
| 2P       | 2.00       | 5.80  |
| 3P       | 4.00       | 7.80  |
| 4P       | 6.00       | 9.80  |
| 5P       | 8.00       | 11.80 |
| 6P       | 10.00      | 13.80 |
| 7P       | 12.00      | 15.80 |
| 8P       | 14.00      | 17.80 |
| 9P       | 16.00      | 19.80 |
| 10P      | 18.00      | 21.80 |
| 11P      | 20.00      | 23.80 |
| 12P      | 22.00      | 25.80 |
| 13P      | 24.00      | 27.80 |
| 14P      | 26.00      | 29.80 |
| 15P      | 28.00      | 31.80 |

Unit: mm

### A2007WV-F-3P

2.00mm pitch 180° Wafer With Foot

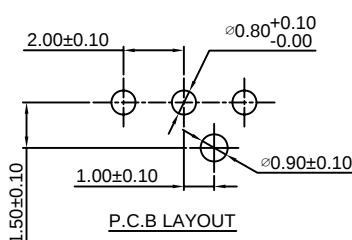
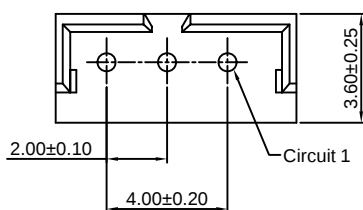
#### Reference Informations:

\*Material:Pin:Brass/Tin over Nickel

Insulator:Nylon 66,UL94V-0

\*Mates with CJT A2007H,HD-3P series Housing

\*Color:White



P.C.B LAYOUT

#### Ordering Information:

A2007WV-F-3P - \*\*\* - \*\*  
1 2 3

1. Part No.

2. Material:

(Blank):Nylon 66,UL94V-0

GWT :Nylon 66,UL94V-0 GWT 750 °C

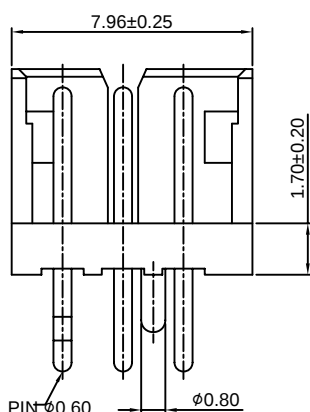
3. Color:

(Blank):White

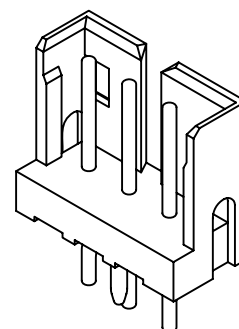
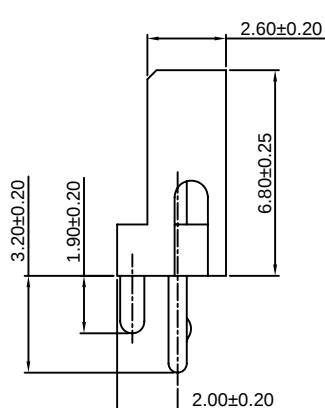
BK:Black

BL:Blue

YL:Yellow



PIN ∅0.60



Unit: mm



## A2007 SERIES

2.00mm pitch wire to board connector

### A2007WR-S-XP

2.00mm pitch 90° Wafer - SMT TYPE

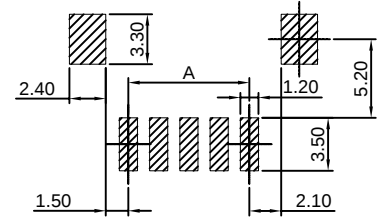
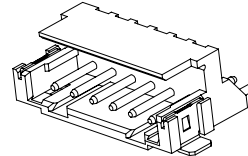
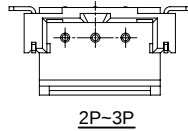
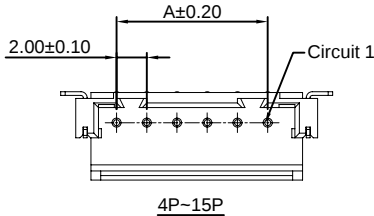
#### Reference Informations:

- \*Material: Pin: Brass/Tin over Nickel  
Insulator: Nylon 6T, UL94V-0
- \*Mates with CJT A2007H, HD-XP series Housing
- \*Color: Beige

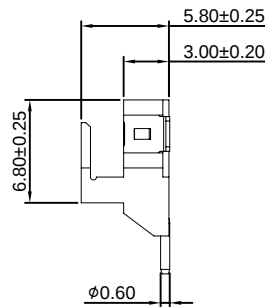
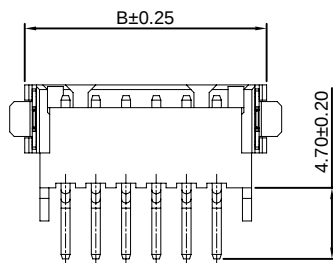
#### Ordering Information:

A2007WR-S-XP - \*\*\* - \*\*  
1 2 3

1. Part No.
2. Material:  
(Blank): Nylon 66, UL94V-0  
GWT : Nylon 66, UL94V-0 GWT 750°C
3. Color:  
(Blank): Beige  
BK: Black  
BL: Blue  
YL: Yellow



P.C.B LAYOUT



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

Unit: mm

### A2007WR-S-F-XP

2.00mm pitch 90° Wafer - SMT TYPE

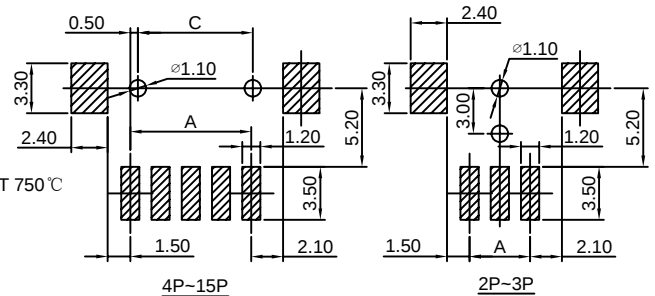
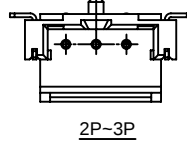
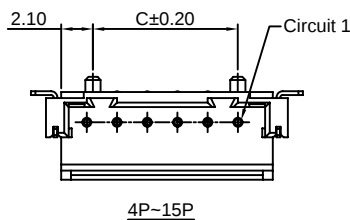
#### Reference Informations:

- \*Material: Pin: Brass/Tin over Nickel  
Insulator: Nylon 6T, UL94V-0
- \*Mates with CJT A2007H, HD-XP series Housing
- \*Color: Beige

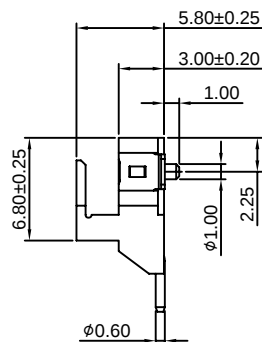
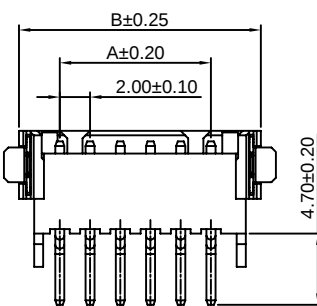
#### Ordering Information:

A2007WR-S-F-XP - \*\*\* - \*\*  
1 2 3

1. Part No.
2. Material:  
(Blank): Nylon 66, UL94V-0  
GWT : Nylon 66, UL94V-0 GWT 750°C
3. Color:  
(Blank): Beige  
BK: Black  
BL: Blue  
YL: Yellow



P.C.B LAYOUT



| PART NO. | Dimensions |       |       |
|----------|------------|-------|-------|
|          | A          | B     | C     |
| 2P       | 2.00       | 8.00  | ----  |
| 3P       | 4.00       | 10.00 | ----  |
| 4P       | 6.00       | 12.00 | 5.60  |
| 5P       | 8.00       | 14.00 | 7.60  |
| 6P       | 10.00      | 16.00 | 9.60  |
| 7P       | 12.00      | 18.00 | 11.60 |
| 8P       | 14.00      | 20.00 | 13.60 |
| 9P       | 16.00      | 22.00 | 15.60 |
| 10P      | 18.00      | 24.00 | 17.60 |
| 11P      | 20.00      | 26.00 | 19.60 |
| 12P      | 22.00      | 28.00 | 21.60 |
| 13P      | 24.00      | 30.00 | 23.60 |
| 14P      | 26.00      | 32.00 | 25.60 |
| 15P      | 28.00      | 34.00 | 27.60 |

Unit: mm