

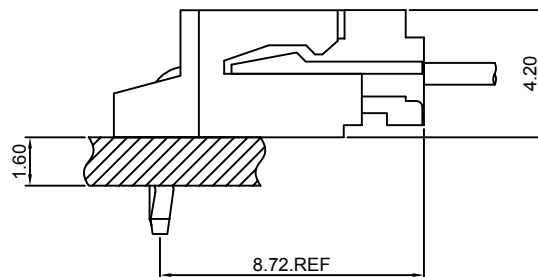
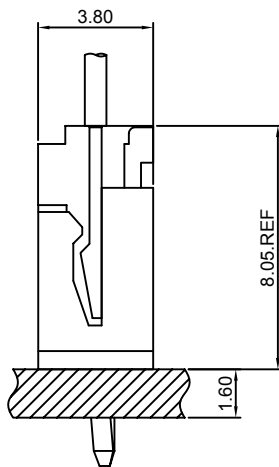
Specifications

- 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

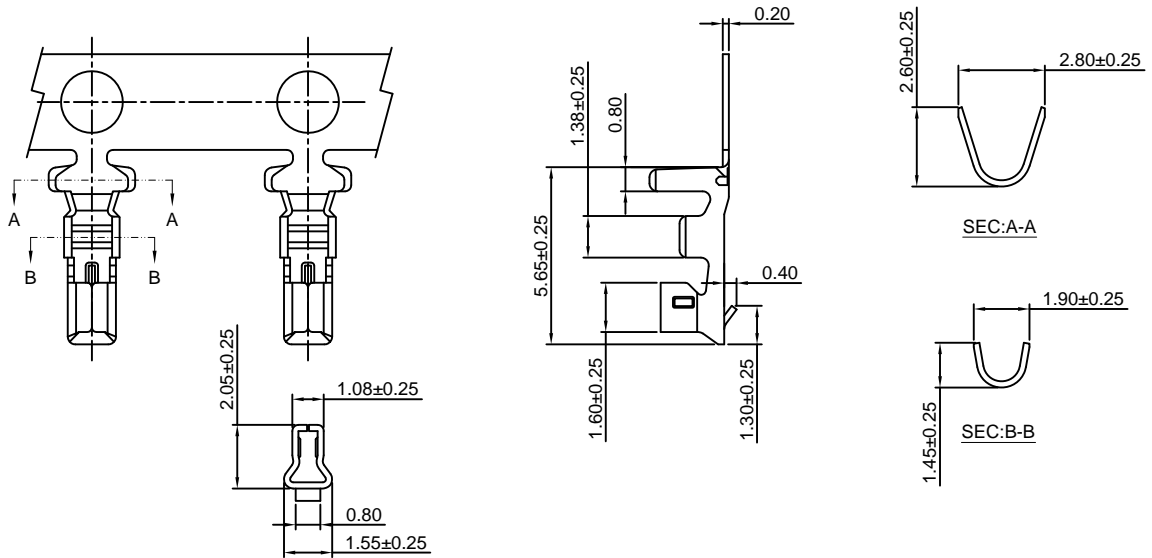


A2502-T

2.50mm pitch Crimp Terminal

Reference Informations:

*Used in CJT A2502H-XP, A2511H-XP series Housing



Ordering information & Specifications

Unit:mm

| Part NO. | Wire Range | Insulation O.D. | Material | Finish | Qty/reel |
|----------|------------|-----------------|-----------------|------------------|------------|
| A2502-TP | AWG#22-#30 | 1.90mm(max) | Phosphor Bronze | Tin over Nickel | 10,000 PCS |
| A2502-GP | AWG#22-#30 | 1.90mm(max) | Phosphor Bronze | Gold over Nickel | 10,000 PCS |

Optional Gold plating available but MOQ requested

A2502H-XP

2.50mm pitch Housing

Reference Informations:

*Material:Nylon 66,UL94V-0

*Suitable CJT A2502-T series Terminal

*Mates with CJT A2502WV,WR-XP series Wafer

*Color:White

Ordering Information:

A2502H-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

RD:Red

YL:Yellow

BL:Blue

BK:Black

GN:Green

TR:Tomato red

LE:Light blue

OR:Orange

GY:Gray

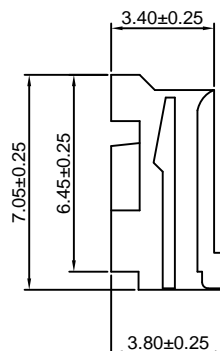
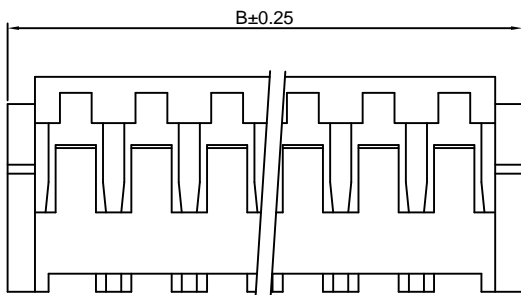
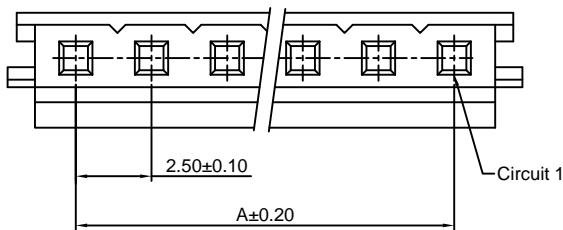
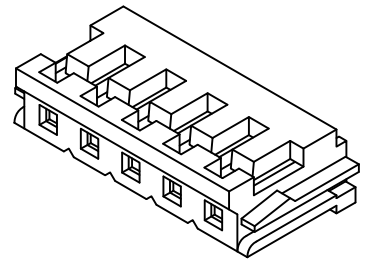
PK:Pink

BR:Brown

VI:Violet

LY:Lemon yellow

VY:Vivid yellow



Ordering Information & Dimensions

| PART NO. | Dimensions | |
|----------|------------|-------|
| | A | B |
| 2P | 2.50 | 7.00 |
| 3P | 5.00 | 9.50 |
| 4P | 7.50 | 12.00 |
| 5P | 10.00 | 14.50 |
| 6P | 12.50 | 17.00 |
| 7P | 15.00 | 19.50 |
| 8P | 17.50 | 22.00 |
| 9P | 20.00 | 24.50 |
| 10P | 22.50 | 27.00 |
| 11P | 25.00 | 29.50 |
| 12P | 27.50 | 32.00 |
| 13P | 30.00 | 34.50 |
| 14P | 32.50 | 37.00 |
| 15P | 35.00 | 39.50 |

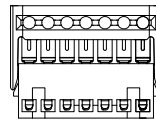
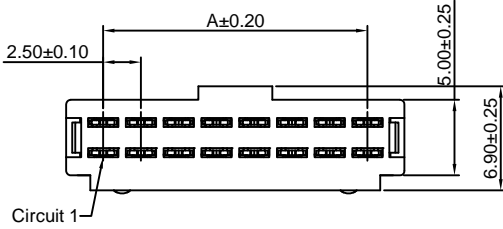
Unit: mm

A2502HWV-XP

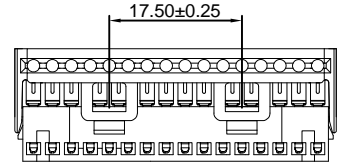
2.50mm pitch Housing

Reference Informations:

- *Material: Pin: Phosphor Bronze/Tin over Nickel
Insulator: PBT, UL94V-0
- *Mates with CJT A2502WVA, WRA-XP, A2502WVB, WRB-XP, A2502WVA-N, WRA-N-XP, A2502WVB-N, WRB-N-XP series Wafer
- *Color: Gray



2P~7P



16P~20P

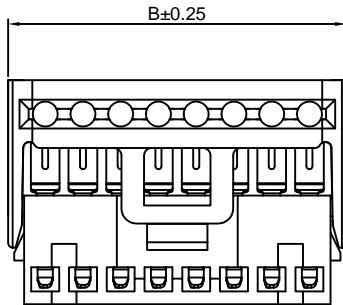
Ordering Information:
A2502HWV-XP - * - ** - **
1 2 3

- Part No.
- Material:
(Blank): PBT, UL94V-0
GWT: PBT, UL94V-0, GWT 750 °C
- Finish:
(blank): Tin over Nickel
G: Gold over Nickel

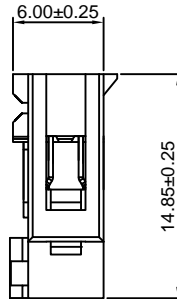
Ordering Information & Dimensions

| PART NO. | Dimensions | |
|----------|------------|-------|
| | A | B |
| 2P | 2.50 | 7.40 |
| 3P | 5.00 | 9.90 |
| 4P | 7.50 | 12.40 |
| 5P | 10.00 | 14.90 |
| 6P | 12.50 | 17.40 |
| 7P | 15.00 | 19.90 |
| 8P | 17.50 | 22.40 |
| 9P | 20.00 | 24.90 |
| 10P | 22.50 | 27.40 |
| 11P | 25.00 | 29.90 |
| 12P | 27.50 | 32.40 |
| 13P | 30.00 | 34.90 |
| 14P | 32.50 | 37.40 |
| 15P | 35.00 | 39.90 |
| 16P | 37.50 | 42.40 |
| 17P | 40.00 | 44.90 |
| 18P | 42.50 | 47.40 |
| 19P | 45.00 | 49.90 |
| 20P | 47.50 | 52.40 |

Unit: mm



8P~15P



A2502WV-XP

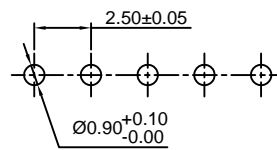
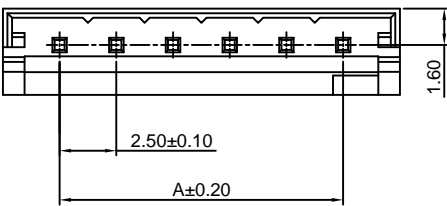
2.50mm pitch 180° Wafer

Reference Informations:

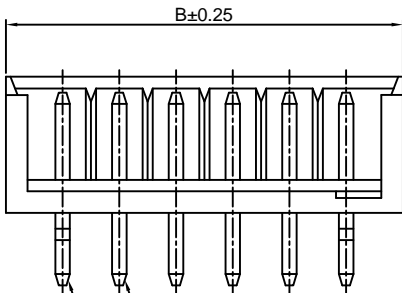
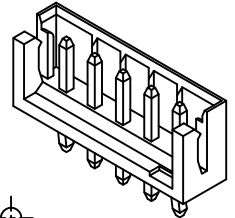
- *Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 66, UL94V-0
- *Mates with CJT A2502H-XP series Housing
- *Color: White

Ordering Information:
A2502WV-XP - * - * - * - * - *
1 2 3 4 5

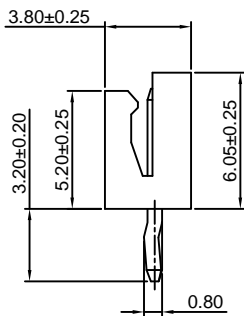
- Part No.
- Style
(blank): Type 1
2: Type 2
- Material:
(Blank): Nylon 66, UL94V-0
GWT: Nylon 66, UL94V-0, GWT 750 °C
- Color:
(Blank): White
RD: Red
BL: Blue
GN: Green
YL: Yellow
BK: Black
- Finish:
(blank): Tin over Nickel
G: Gold over Nickel



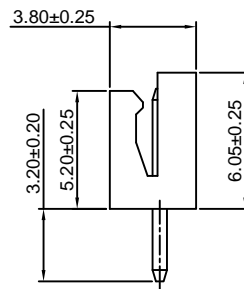
P.C.B LAYOUT



Circuit 1



TYPE 1



TYPE 2

Ordering Information & Dimensions

| PART NO. | Dimensions | |
|----------|------------|-------|
| | A | B |
| 2P | 2.50 | 7.50 |
| 3P | 5.00 | 10.00 |
| 4P | 7.50 | 12.50 |
| 5P | 10.00 | 15.00 |
| 6P | 12.50 | 17.50 |
| 7P | 15.00 | 20.00 |
| 8P | 17.50 | 22.50 |
| 9P | 20.00 | 25.00 |
| 10P | 22.50 | 27.50 |
| 11P | 25.00 | 30.00 |
| 12P | 27.50 | 32.50 |
| 13P | 30.00 | 35.00 |
| 14P | 32.50 | 37.50 |
| 15P | 35.00 | 40.00 |

Unit: mm

A2502WR-XP

2.50mm pitch 90° Wafer

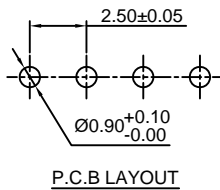
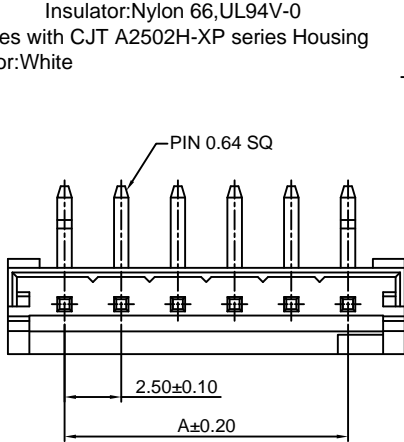
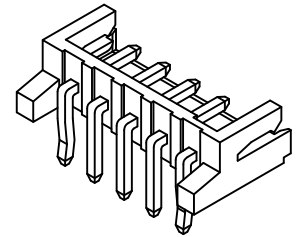
Reference Informations:

- *Material:Pin:Brass/Tin over Nickel
Insulator:Nylon 66,UL94V-0
- *Mates with CJT A2502H-XP series Housing
- *Color:White

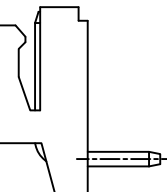
Ordering Information:

A2502WR-XP - * - *** - ** - **
1 2 3 4 5

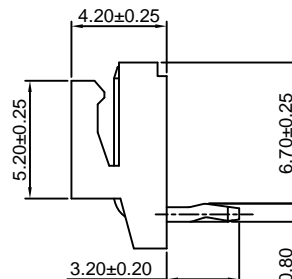
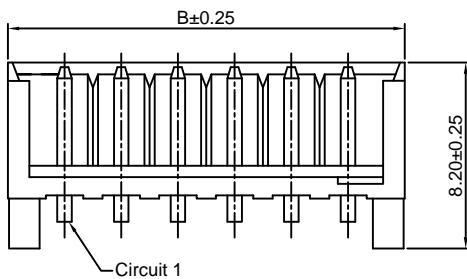
- Part No.
- Style
(blank):Type 1
2:Type 2
- Material:
(Blank):Nylon 66,UL94V-0
GWT:Nylon 66,UL94V-0,GWT 750 °C
- Color:
(Blank):White
RD:Red OR:Orange
YL:Yellow GY:Gray
BL:Blue PK:Pink
BK:Black BR:Brown
GN:Green VJ:Violet
TR:Tomato red LY:Lemon yellow
LE:Light blue VY:Vivid yellow
- Finish:
(blank):Tin over Nickel
G:Gold over Nickel



P.C.B LAYOUT



TYPE 2



TYPE 1

Ordering Information & Dimensions

| PART NO. | Dimensions | |
|----------|------------|-------|
| | A | B |
| 2P | 2.50 | 7.50 |
| 3P | 5.00 | 10.00 |
| 4P | 7.50 | 12.50 |
| 5P | 10.00 | 15.00 |
| 6P | 12.50 | 17.50 |
| 7P | 15.00 | 20.00 |
| 8P | 17.50 | 22.50 |
| 9P | 20.00 | 25.00 |
| 10P | 22.50 | 27.50 |
| 11P | 25.00 | 30.00 |
| 12P | 27.50 | 32.50 |
| 13P | 30.00 | 35.00 |
| 14P | 32.50 | 37.50 |
| 15P | 35.00 | 40.00 |

Unit: mm

A2502WVA-XP

2.50mm pitch 180° Wafer

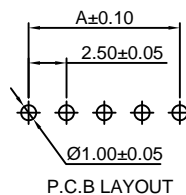
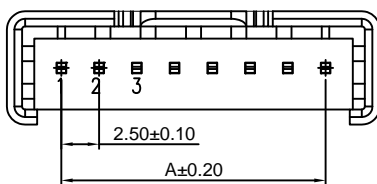
Reference Informations:

- *Material:Pin:Brass/Tin over Nickel
Insulator:PBT+15%GF,UL94V-0
- *Mates with CJT A2502HWV-XP series Housing
- *Color:Gray

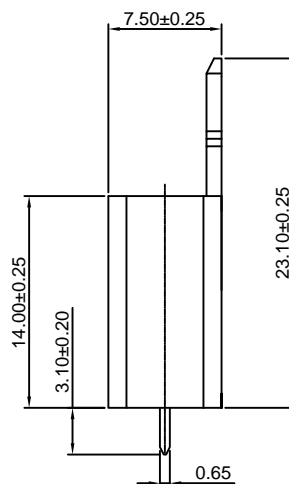
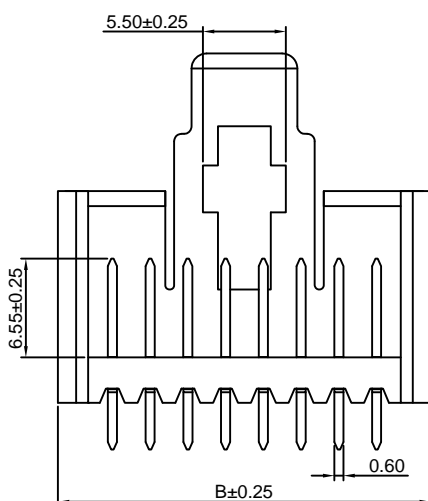
Ordering Information:

A2502WVA-XP - *** - **
1 2 3

- Part No.
- Material:
(Blank):PBT,UL94V-0
GWT:PBT,UL94V-0,GWT 750 °C
- Finish:
(blank):Tin over Nickel
G:Gold over Nickel



P.C.B LAYOUT



Ordering Information & Dimensions

| PART NO. | Dimensions | |
|----------|------------|-------|
| | A | B |
| 2P | 2.50 | 9.70 |
| 3P | 5.00 | 12.20 |
| 4P | 7.50 | 14.70 |
| 5P | 10.00 | 17.20 |
| 6P | 12.50 | 19.70 |
| 7P | 15.00 | 22.20 |
| 8P | 17.50 | 24.70 |
| 9P | 20.00 | 27.20 |
| 10P | 22.50 | 29.70 |
| 11P | 25.00 | 32.20 |
| 12P | 27.50 | 34.70 |
| 13P | 30.00 | 37.20 |
| 14P | 32.50 | 39.70 |
| 15P | 35.00 | 42.20 |
| 16P | 37.50 | 44.70 |
| 17P | 40.00 | 47.20 |
| 18P | 42.50 | 49.70 |
| 19P | 45.00 | 52.20 |
| 20P | 47.50 | 54.70 |

Unit: mm

A2502WRA-XP

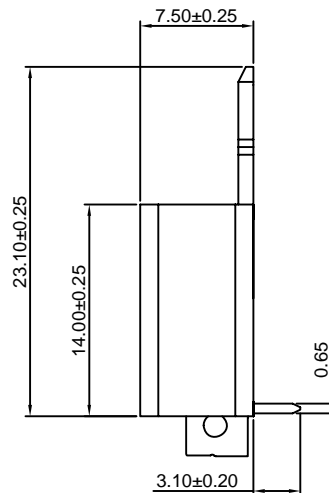
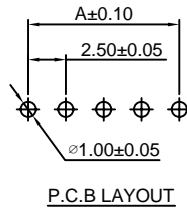
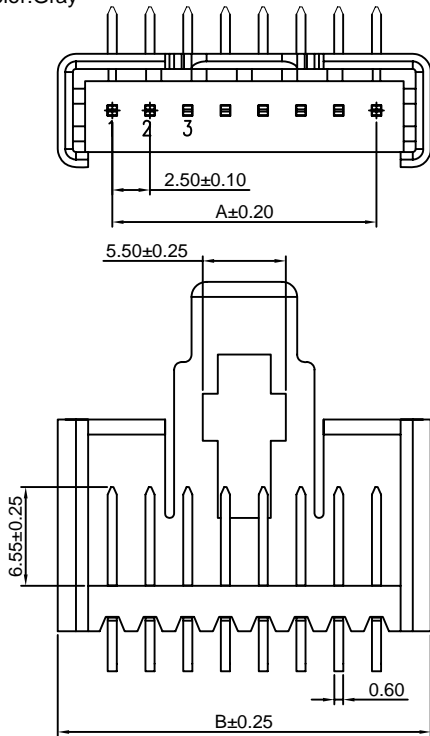
2.50mm pitch 90° Wafer

Reference Informations:

- *Material:Pin:Brass/Tin over Nickel
Insulator:PBT+15%GF,UL94V-0
- *Mates with CJT A2502HWV-XP series Housing
- *Color:Gray

Ordering Information:
A2502WRA-XP - *** - **
1 2 3

- 1.Part No.
- 2.Material:
(Blank):PBT,UL94V-0
GWT:PBT,UL94V-0,GWT 750 °C
- 3.Finish:
(blank):Tin over Nickel
G:Gold over Nickel



Ordering Information & Dimensions

| PART NO. | Dimensions | |
|----------|------------|-------|
| | A | B |
| 2P | 2.50 | 9.70 |
| 3P | 5.00 | 12.20 |
| 4P | 7.50 | 14.70 |
| 5P | 10.00 | 17.20 |
| 6P | 12.50 | 19.70 |
| 7P | 15.00 | 22.20 |
| 8P | 17.50 | 24.70 |
| 9P | 20.00 | 27.20 |
| 10P | 22.50 | 29.70 |
| 11P | 25.00 | 32.20 |
| 12P | 27.50 | 34.70 |
| 13P | 30.00 | 37.20 |
| 14P | 32.50 | 39.70 |
| 15P | 35.00 | 42.20 |
| 16P | 37.50 | 44.70 |
| 17P | 40.00 | 47.20 |
| 18P | 42.50 | 49.70 |
| 19P | 45.00 | 52.20 |
| 20P | 47.50 | 54.70 |

Unit: mm

A2502WVA-N-XP

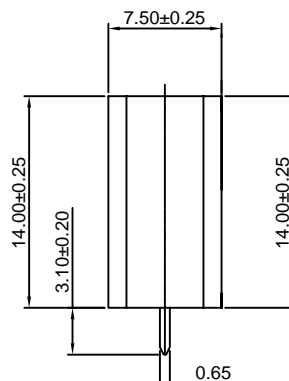
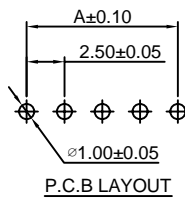
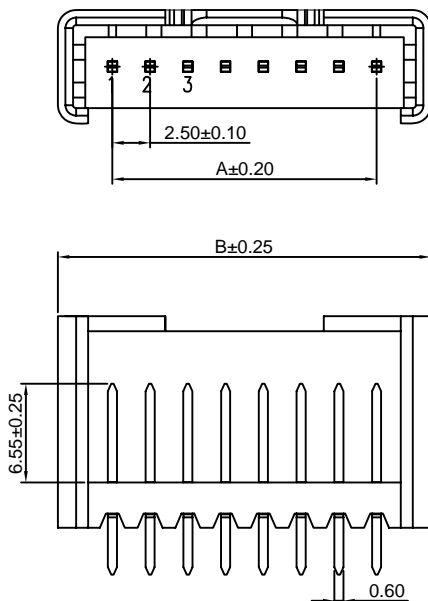
2.50mm pitch 180° Wafer

Reference Informations:

- *Material:Pin:Brass/Tin over Nickel
Insulator:PBT+15%GF,UL94V-0
- *Mates with CJT A2502HWV-XP series Housing
- *Color:Gray

Ordering Information:
A2502WVA-N-XP - *** - **
1 2 3

- 1.Part No.
- 2.Material:
(Blank):PBT,UL94V-0
GWT:PBT,UL94V-0,GWT 750 °C
- 3.Finish:
(blank):Tin over Nickel
G:Gold over Nickel



Ordering Information & Dimensions

| PART NO. | Dimensions | |
|----------|------------|-------|
| | A | B |
| 2P | 2.50 | 9.70 |
| 3P | 5.00 | 12.20 |
| 4P | 7.50 | 14.70 |
| 5P | 10.00 | 17.20 |
| 6P | 12.50 | 19.70 |
| 7P | 15.00 | 22.20 |
| 8P | 17.50 | 24.70 |
| 9P | 20.00 | 27.20 |
| 10P | 22.50 | 29.70 |
| 11P | 25.00 | 32.20 |
| 12P | 27.50 | 34.70 |
| 13P | 30.00 | 37.20 |
| 14P | 32.50 | 39.70 |
| 15P | 35.00 | 42.20 |
| 16P | 37.50 | 44.70 |
| 17P | 40.00 | 47.20 |
| 18P | 42.50 | 49.70 |
| 19P | 45.00 | 52.20 |
| 20P | 47.50 | 54.70 |

Unit: mm

A2502WRA-N-XP

2.50mm pitch 90° Wafer

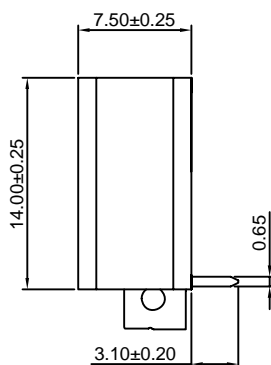
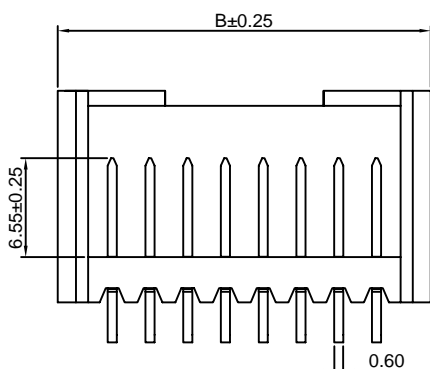
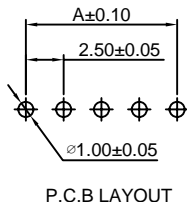
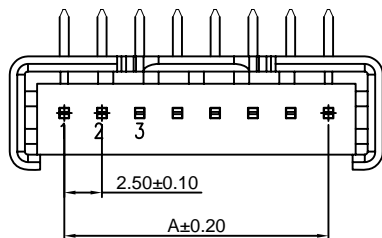
Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: PBT+15%GF, UL94V-0
- *Mates with CJT A2502HWV-XP series Housing
- *Color: Gray

Ordering Information:

A2502WRA-N-XP - *** - **
1 2 3

1. Part No.
2. Material:
(Blank): PBT, UL94V-0
GWT: PBT, UL94V-0, GWT 750°C
3. Finish:
(blank): Tin over Nickel
G: Gold over Nickel



Ordering Information & Dimensions

| PART NO. | Dimensions | |
|----------|------------|-------|
| | A | B |
| 2P | 2.50 | 9.70 |
| 3P | 5.00 | 12.20 |
| 4P | 7.50 | 14.70 |
| 5P | 10.00 | 17.20 |
| 6P | 12.50 | 19.70 |
| 7P | 15.00 | 22.20 |
| 8P | 17.50 | 24.70 |
| 9P | 20.00 | 27.20 |
| 10P | 22.50 | 29.70 |
| 11P | 25.00 | 32.20 |
| 12P | 27.50 | 34.70 |
| 13P | 30.00 | 37.20 |
| 14P | 32.50 | 39.70 |
| 15P | 35.00 | 42.20 |
| 16P | 37.50 | 44.70 |
| 17P | 40.00 | 47.20 |
| 18P | 42.50 | 49.70 |
| 19P | 45.00 | 52.20 |
| 20P | 47.50 | 54.70 |

Unit: mm

A2502WVB-XP

2.50mm pitch 180° Wafer

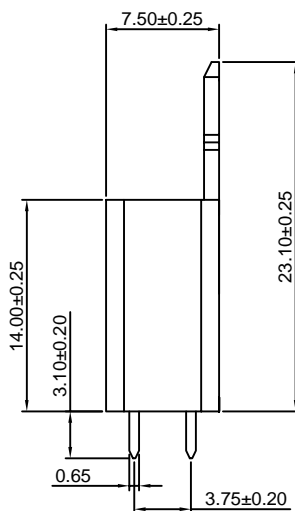
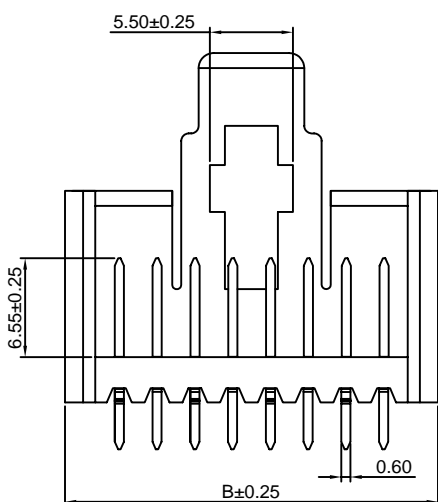
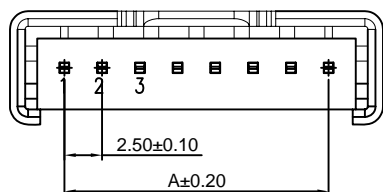
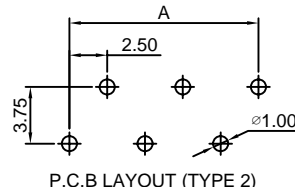
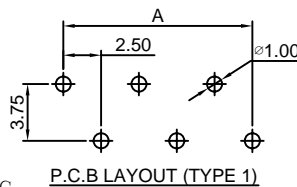
Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: PBT+15%GF, UL94V-0
- *Mates with CJT A2502HWV-XP series Housing
- *Color: Gray

Ordering Information:

A2502WVB-XP - *** - *** - **
1 2 3 4

1. Part No.
2. Style:
(Blank): TYPE 1
2: TYPE 2
3. Material:
(Blank): PBT, UL94V-0
GWT: PBT, UL94V-0, GWT 750°C
4. Finish:
(blank): Tin over Nickel
G: Gold over Nickel



Ordering Information & Dimensions

| PART NO. | Dimensions | |
|----------|------------|-------|
| | A | B |
| 2P | 2.50 | 9.70 |
| 3P | 5.00 | 12.20 |
| 4P | 7.50 | 14.70 |
| 5P | 10.00 | 17.20 |
| 6P | 12.50 | 19.70 |
| 7P | 15.00 | 22.20 |
| 8P | 17.50 | 24.70 |
| 9P | 20.00 | 27.20 |
| 10P | 22.50 | 29.70 |
| 11P | 25.00 | 32.20 |
| 12P | 27.50 | 34.70 |
| 13P | 30.00 | 37.20 |
| 14P | 32.50 | 39.70 |
| 15P | 35.00 | 42.20 |
| 16P | 37.50 | 44.70 |
| 17P | 40.00 | 47.20 |
| 18P | 42.50 | 49.70 |
| 19P | 45.00 | 52.20 |
| 20P | 47.50 | 54.70 |

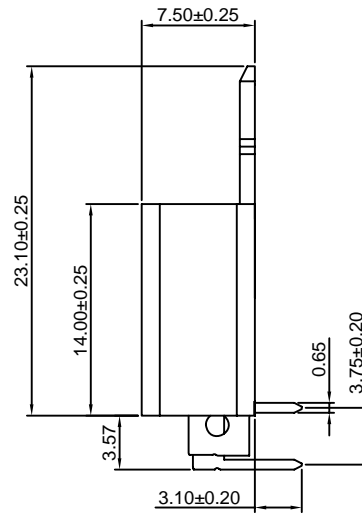
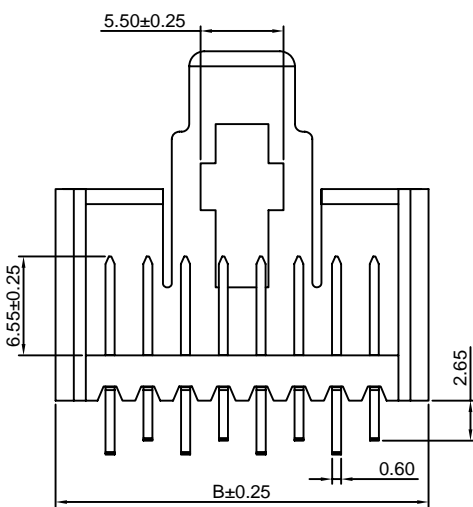
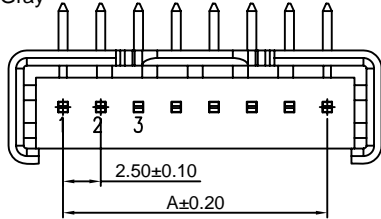
Unit: mm

A2502WRB-XP

2.50mm pitch 90° Wafer

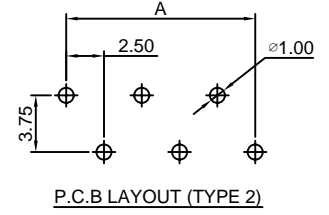
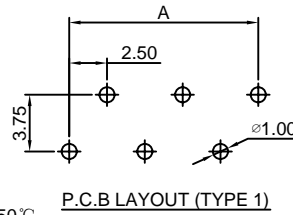
Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: PBT+15%GF, UL94V-0
- *Mates with CJT A2502HWV-XP series Housing
- *Color: Gray



Ordering Information:
A2502WRB-XP - *** - *** - **
1 2 3 4

- Part No.
- Style:
(Blank): TYPE 1
2: TYPE 2
- Material:
(Blank): PBT, UL94V-0
GWT: PBT, UL94V-0, GWT 750°C
- Finish:
(blank): Tin over Nickel
G: Gold over Nickel



Ordering Information & Dimensions

| PART NO. | Dimensions | |
|----------|------------|-------|
| | A | B |
| 2P | 2.50 | 9.70 |
| 3P | 5.00 | 12.20 |
| 4P | 7.50 | 14.70 |
| 5P | 10.00 | 17.20 |
| 6P | 12.50 | 19.70 |
| 7P | 15.00 | 22.20 |
| 8P | 17.50 | 24.70 |
| 9P | 20.00 | 27.20 |
| 10P | 22.50 | 29.70 |
| 11P | 25.00 | 32.20 |
| 12P | 27.50 | 34.70 |
| 13P | 30.00 | 37.20 |
| 14P | 32.50 | 39.70 |
| 15P | 35.00 | 42.20 |
| 16P | 37.50 | 44.70 |
| 17P | 40.00 | 47.20 |
| 18P | 42.50 | 49.70 |
| 19P | 45.00 | 52.20 |
| 20P | 47.50 | 54.70 |

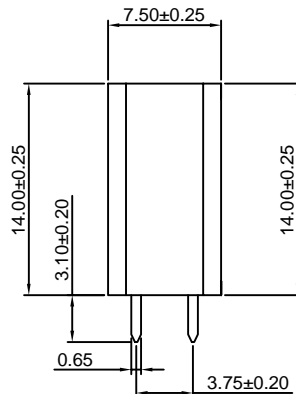
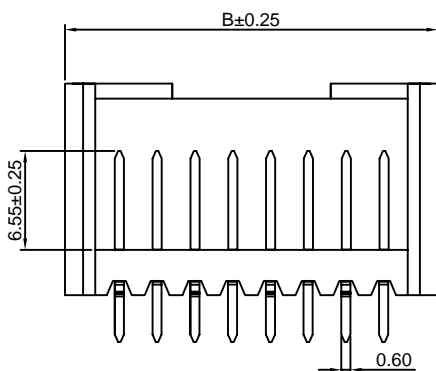
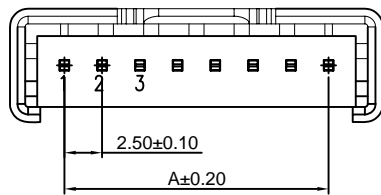
Unit: mm

A2502WVB-N-XP

2.50mm pitch 180° Wafer

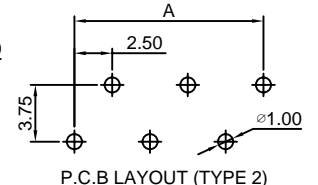
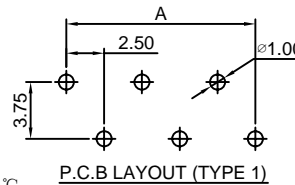
Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: PBT+15%GF, UL94V-0
- *Mates with CJT A2502HWV-XP series Housing
- *Color: Gray



Ordering Information:
A2502WVB-N-XP - *** - *** - **
1 2 3 4

- Part No.
- Style:
(Blank): TYPE 1
2: TYPE 2
- Material:
(Blank): PBT, UL94V-0
GWT: PBT, UL94V-0, GWT 750°C
- Finish:
(blank): Tin over Nickel
G: Gold over Nickel



Ordering Information & Dimensions

| PART NO. | Dimensions | |
|----------|------------|-------|
| | A | B |
| 2P | 2.50 | 9.70 |
| 3P | 5.00 | 12.20 |
| 4P | 7.50 | 14.70 |
| 5P | 10.00 | 17.20 |
| 6P | 12.50 | 19.70 |
| 7P | 15.00 | 22.20 |
| 8P | 17.50 | 24.70 |
| 9P | 20.00 | 27.20 |
| 10P | 22.50 | 29.70 |
| 11P | 25.00 | 32.20 |
| 12P | 27.50 | 34.70 |
| 13P | 30.00 | 37.20 |
| 14P | 32.50 | 39.70 |
| 15P | 35.00 | 42.20 |
| 16P | 37.50 | 44.70 |
| 17P | 40.00 | 47.20 |
| 18P | 42.50 | 49.70 |
| 19P | 45.00 | 52.20 |
| 20P | 47.50 | 54.70 |

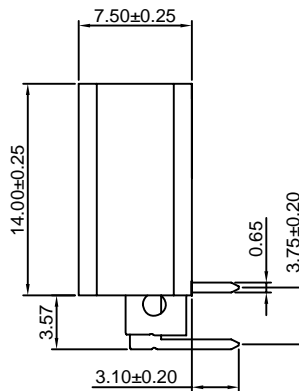
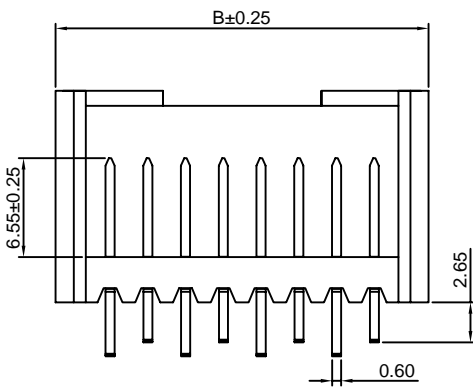
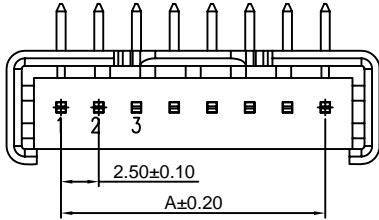
Unit: mm

A2502WRB-N-XP

2.50mm pitch 90° Wafer

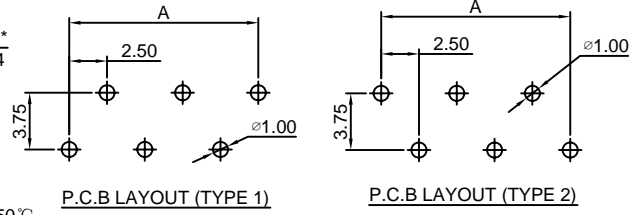
Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: PBT +15%GF, UL94V-0
- *Mates with CJT A2502HWV-XP series Housing
- *Color: Gray



Ordering Information:
A2502WRB-N-XP - *** - *** - **
1 2 3 4

1. Part No.
2. Style:
(Blank): TYPE 1
2: TYPE 2
3. Material:
(Blank): PBT, UL94V-0
GWT: PBT, UL94V-0, GWT 750°C
4. Finish:
(blank): Tin over Nickel
G: Gold over Nickel



Ordering Information & Dimensions

| PART NO. | Dimensions | |
|----------|------------|-------|
| | A | B |
| 2P | 2.50 | 9.70 |
| 3P | 5.00 | 12.20 |
| 4P | 7.50 | 14.70 |
| 5P | 10.00 | 17.20 |
| 6P | 12.50 | 19.70 |
| 7P | 15.00 | 22.20 |
| 8P | 17.50 | 24.70 |
| 9P | 20.00 | 27.20 |
| 10P | 22.50 | 29.70 |
| 11P | 25.00 | 32.20 |
| 12P | 27.50 | 34.70 |
| 13P | 30.00 | 37.20 |
| 14P | 32.50 | 39.70 |
| 15P | 35.00 | 42.20 |
| 16P | 37.50 | 44.70 |
| 17P | 40.00 | 47.20 |
| 18P | 42.50 | 49.70 |
| 19P | 45.00 | 52.20 |
| 20P | 47.50 | 54.70 |

Unit: mm