

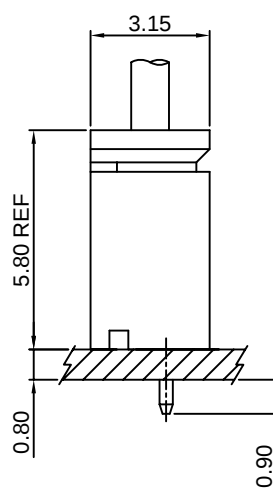
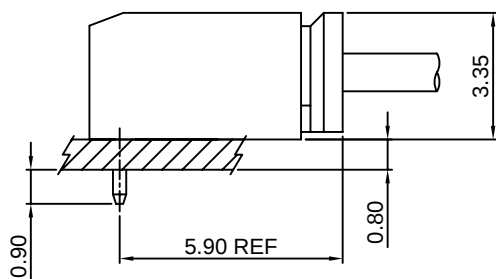
## **Specifications**

Current rating:1A AC,DC  
Voltage rating:200V AC,DC  
Temperature range:-40°C~+105°C  
Contact resistance:20m $\Omega$ Max.  
Insulation resistance:100M $\Omega$ Min.  
Withstanding voltage:500V AC/minute  
\*Compliant with RoHS and REACH\*  
\*Meet the HF/Halogen Free,need to customize\*  
\*Contact CJT for details\*

## **Standards**



## **Assembly layout**



# CJTconn A1253 SERIES

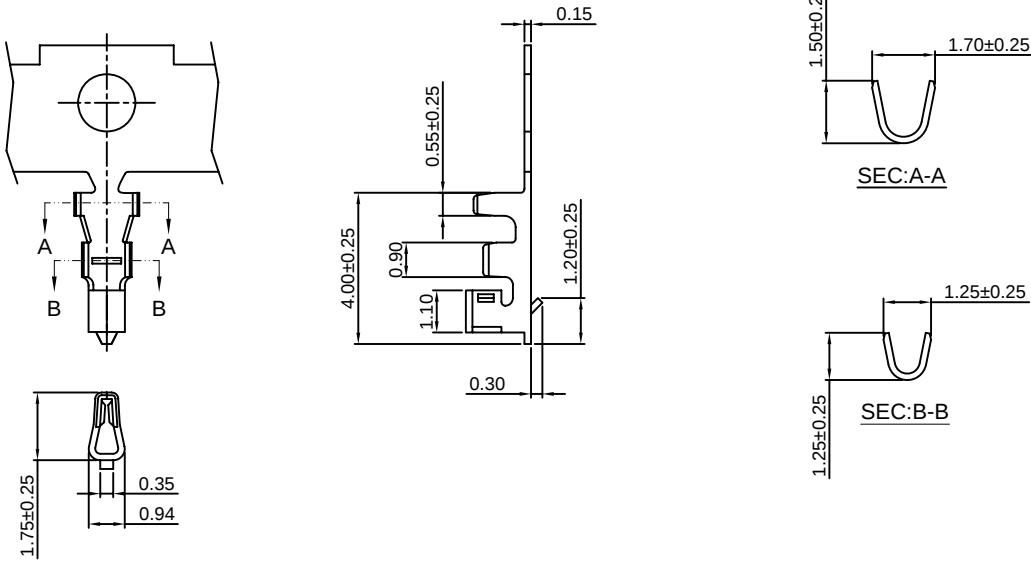
1.25mm pitch wire to board connector

## A1253-T

1.25mm pitch Crimp Terminal

Reference Informations:

\*Used in CJT A1253H-XP series Housing



Ordering information & Specifications:

Unit:mm

| Part NO. | Wire Range | Insulation O.D. | Material        | Finish           | Qty/reel   |
|----------|------------|-----------------|-----------------|------------------|------------|
| A1253-TP | AWG#28-#32 | 1.00mm(max)     | Phosphor Bronze | Tin over Nickel  | 10,000 PCS |
| A1253-GP | AWG#28-#32 | 1.00mm(max)     | Phosphor Bronze | Gold over Nickel | 10,000 PCS |

Optional Gold plating available but MOQ requested

## A1253H-XP

1.25mm pitch Housing

Reference Informations:

- \*Material:Nylon 66,UL94V-0
- \*Suitable CJT A1253-T series Terminal
- \*Mates with CJT A1253WV,A1253WR-XP series Wafer
- \*Color:Reddish brown

Ordering Information:

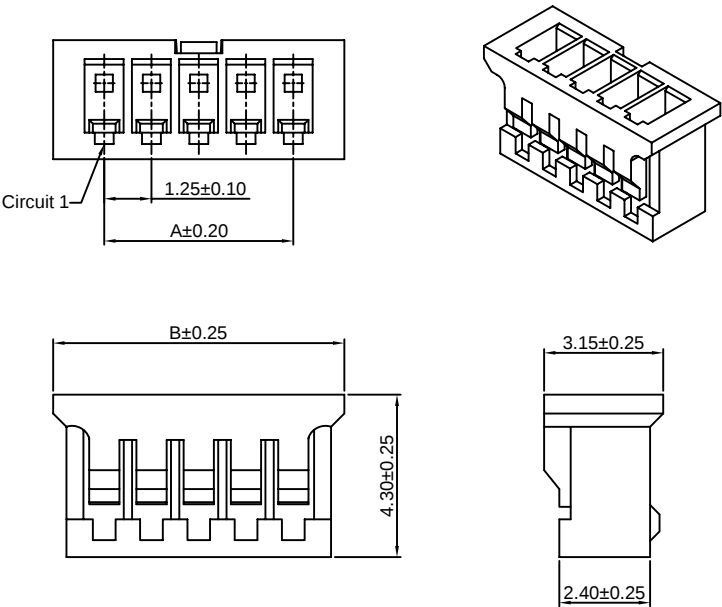
A1253H-XP - \*\*  
1 2

1.Part No.

2.Material:

(Blank):Nylon 66,UL94V-0

GWT :Nylon 66,UL94V-0 GWT 750℃



Ordering Information & Dimensions:

| PART NO. | Dimensions |       |
|----------|------------|-------|
|          | A          | B     |
| 2P       | 1.25       | 3.95  |
| 3P       | 2.50       | 5.20  |
| 4P       | 3.75       | 6.45  |
| 5P       | 5.00       | 7.70  |
| 6P       | 6.25       | 8.95  |
| 7P       | 7.50       | 10.20 |
| 8P       | 8.75       | 11.45 |
| 9P       | 10.00      | 12.70 |
| 10P      | 11.25      | 13.95 |
| 11P      | 12.50      | 15.20 |
| 12P      | 13.75      | 16.45 |
| 13P      | 15.00      | 17.70 |
| 14P      | 16.25      | 18.95 |
| 15P      | 17.50      | 20.20 |

Unit: mm



## A1253 SERIES

1.25mm pitch wire to board connector

### A1253WV-XP

1.25mm pitch 180° Wafer

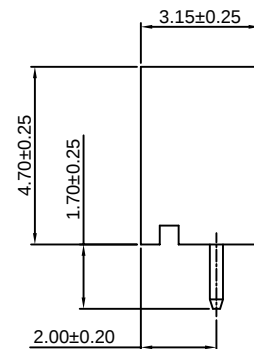
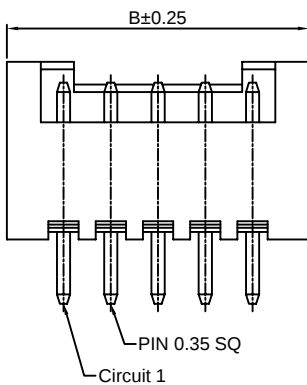
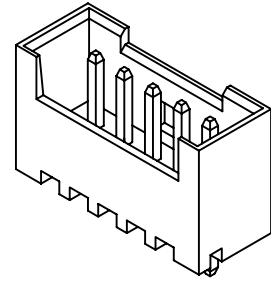
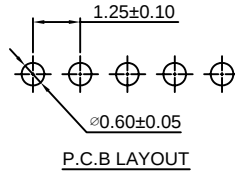
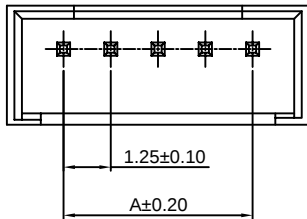
#### Reference Informations:

- \*Material: Pin: Brass/Tin over Nickel  
Insulator: Nylon 66, UL94V-0
- \*Mates with CJT A1253H-XP series Housing
- \*Color: Reddish brown

#### Ordering Information:

A1253WV-XP - \*\*\* - \*\*  
1 2 3

1. Part No.
2. Material:  
(Blank): Nylon 66, UL94V-0  
GWT: Nylon 66, UL94V-0, GWT 750°C
3. Finish:  
(Blank): Tin over Nickel  
G: Gold over Nickel



#### Ordering Information & Dimensions:

| PART NO. | Dimensions |       |
|----------|------------|-------|
|          | A          | B     |
| 2P       | 1.25       | 4.25  |
| 3P       | 2.50       | 5.50  |
| 4P       | 3.75       | 6.75  |
| 5P       | 5.00       | 8.00  |
| 6P       | 6.25       | 9.25  |
| 7P       | 7.50       | 10.50 |
| 8P       | 8.75       | 11.75 |
| 9P       | 10.00      | 13.00 |
| 10P      | 11.25      | 14.25 |
| 11P      | 12.50      | 15.50 |
| 12P      | 13.75      | 16.75 |
| 13P      | 15.00      | 18.00 |
| 14P      | 16.25      | 19.25 |
| 15P      | 17.50      | 20.50 |

Unit: mm

### A1253WR-XP

1.25mm pitch 90° Wafer

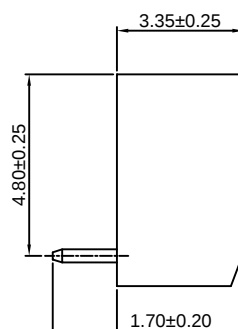
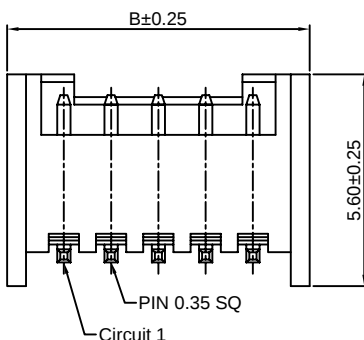
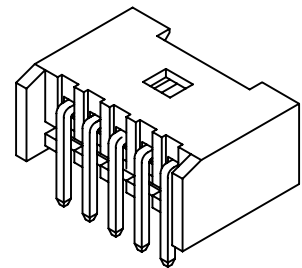
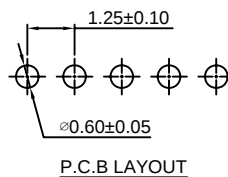
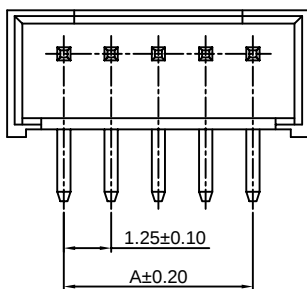
#### Reference Informations:

- \*Material: Pin: Brass/Tin over Nickel  
Insulator: Nylon 66, UL94V-0
- \*Mates with CJT A1253H-XP series Housing
- \*Color: Reddish brown

#### Ordering Information:

A1253WR-XP - \*\*\* - \*\*  
1 2 3

1. Part No.
2. Material:  
(Blank): Nylon 66, UL94V-0  
GWT: Nylon 66, UL94V-0, GWT 750°C
3. Finish:  
(Blank): Tin over Nickel  
G: Gold over Nickel



#### Ordering Information & Dimensions:

| PART NO. | Dimensions |       |
|----------|------------|-------|
|          | A          | B     |
| 2P       | 1.25       | 4.25  |
| 3P       | 2.50       | 5.50  |
| 4P       | 3.75       | 6.75  |
| 5P       | 5.00       | 8.00  |
| 6P       | 6.25       | 9.25  |
| 7P       | 7.50       | 10.50 |
| 8P       | 8.75       | 11.75 |
| 9P       | 10.00      | 13.00 |
| 10P      | 11.25      | 14.25 |
| 11P      | 12.50      | 15.50 |
| 12P      | 13.75      | 16.75 |
| 13P      | 15.00      | 18.00 |
| 14P      | 16.25      | 19.25 |
| 15P      | 17.50      | 20.50 |

Unit: mm