

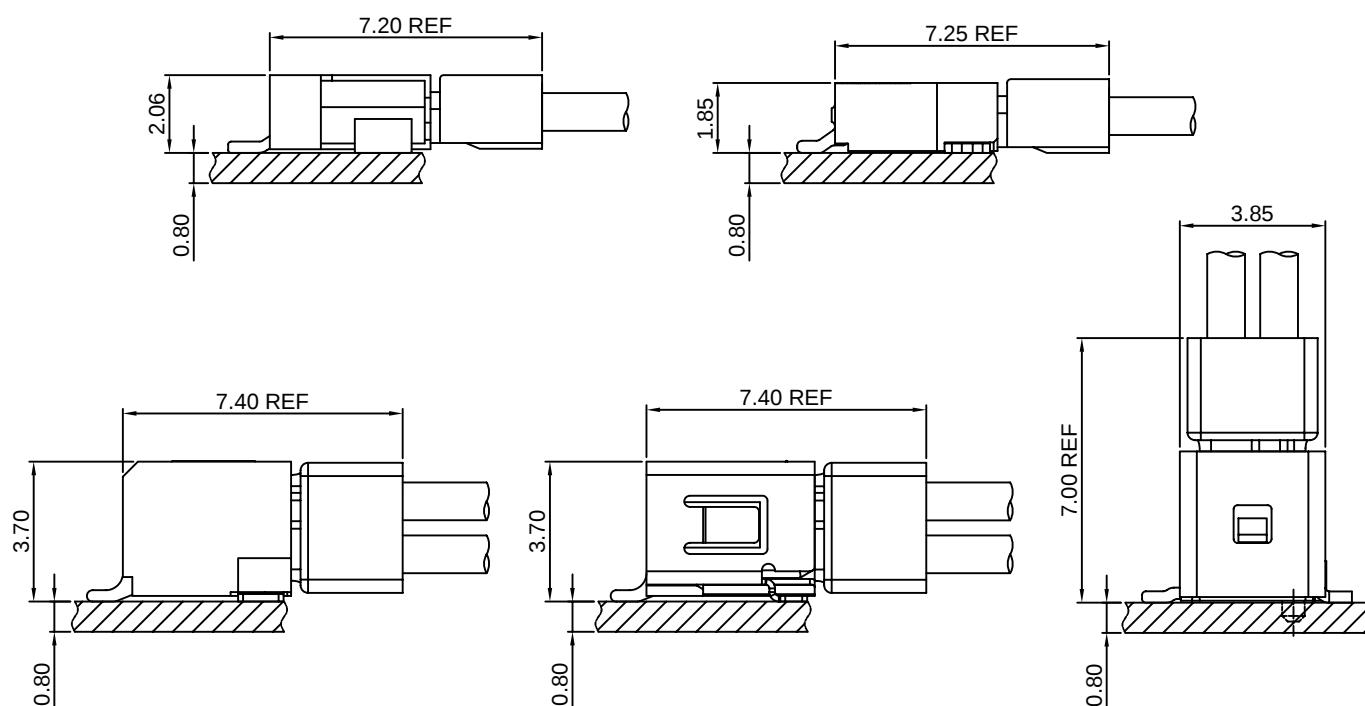
## Specifications

Current rating:1A AC,DC  
Voltage rating:150V AC,DC  
Temperature range:-40°C~+105°C  
Contact resistance:30mΩMax.  
Insulation resistance:500MΩMin.  
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 A1256 SERIES

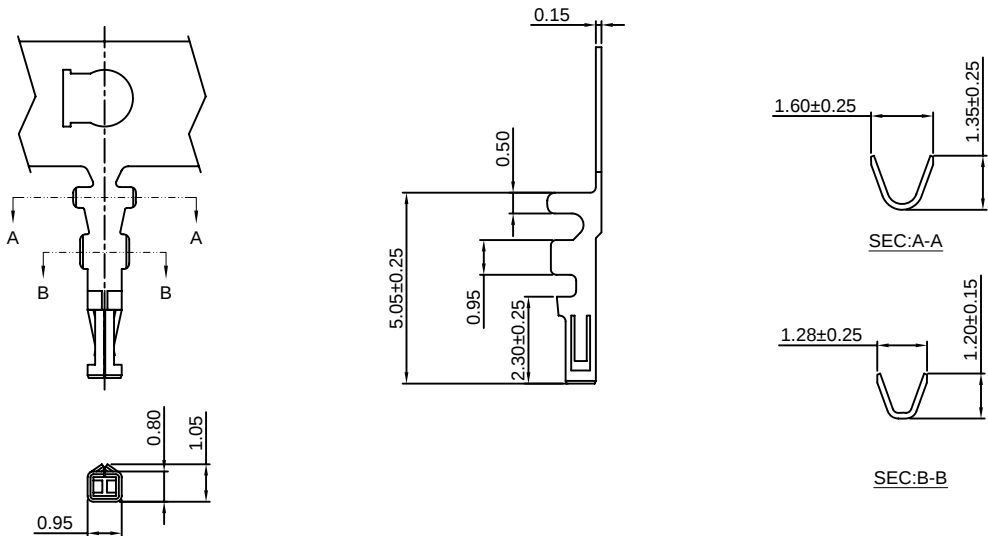
1.25mm pitch wire to board connector

## A1256-T

1.25mm pitch Crimp Terminal

Reference Informations:

\*Used in CJT A1256H,HD-XP,A1255HA-XP series Housing



Ordering information & Specifications:

Unit:mm

| Part NO  | Wire Range | Insulation O.D. | Material        | Finish           | Qty/reel   |
|----------|------------|-----------------|-----------------|------------------|------------|
| A1256-TP | AWG#28-#32 | 0.90mm(max)     | Phosphor Bronze | Tin over Nickel  | 15,000 PCS |
| A1256-GP | AWG#28-#32 | 0.90mm(max)     | Phosphor Bronze | Gold over Nickel | 15,000 PCS |

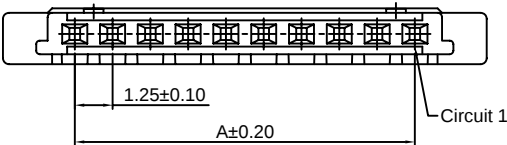
Optional Gold plating available but MOQ requested

## A1256H-XP

1.25mm pitch Housing

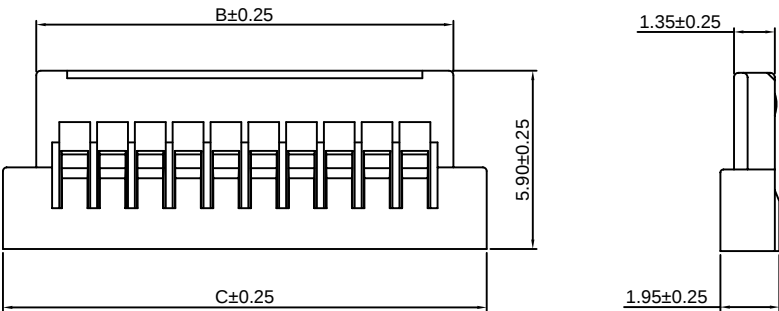
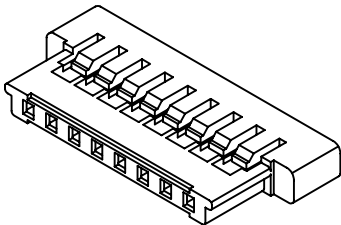
Reference Informations:

- \*Material:Nylon 66,UL94V-0
- \*Suitable CJT A1256-T series Terminal
- \*Mates with CJT A1256WR-S,WRA-S-XP series Wafer
- \*Color:Black



Ordering Information:

- A1256H-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     | C     |
| 2P       | 1.25       | 3.80  | 6.00  |
| 3P       | 2.50       | 5.05  | 7.25  |
| 4P       | 3.75       | 6.30  | 8.50  |
| 5P       | 5.00       | 7.55  | 9.75  |
| 6P       | 6.25       | 8.80  | 11.00 |
| 8P       | 8.75       | 11.30 | 13.50 |
| 10P      | 11.25      | 13.80 | 16.00 |
| 15P      | 17.25      | 20.05 | 22.25 |
| 20P      | 23.75      | 26.30 | 28.50 |
| 25P      | 30.00      | 32.55 | 34.75 |
| 30P      | 36.25      | 38.80 | 41.00 |

Unit: mm



# A1256 SERIES

1.25mm pitch wire to board connector

## A1256HD-XP

1.25mm pitch Dual Row Housing

### Reference Informations:

- \*Material:Nylon 66,UL94V-0
- \*Suitable CJT A1256-T series Terminal
- \*Mates with CJT A1256WVD-S-F, WRD-S, WRDA-S-XP series Dual Row Wafer
- \*Color:Black

### Ordering Information:

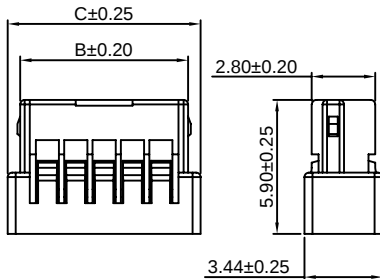
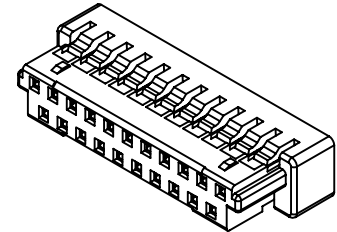
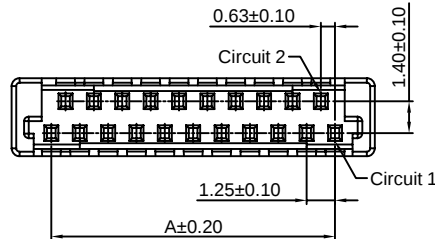
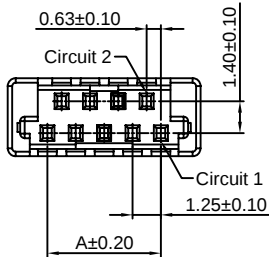
A1256HD-XP - \*\*\*  
1 2

1.Part No.

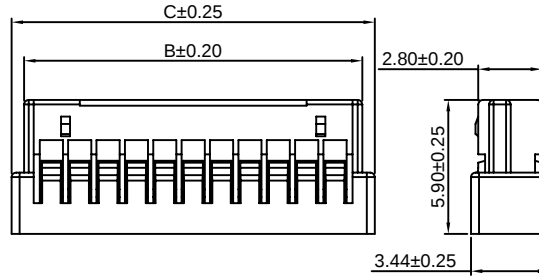
2.Material:

(Blank):Nylon 66,UL94V-0

GWT:Nylon 66,UL94V-0,GWT 750 °C



5,7,9,11 Contacts



13,15,17,19,21,31,41 Contacts

### Ordering Information & Dimensions:

| PART NO. | Dimensions |       |       |
|----------|------------|-------|-------|
|          | A          | B     | C     |
| 5P       | 2.50       | 4.90  | 6.00  |
| 7P       | 3.75       | 6.15  | 7.25  |
| 9P       | 5.00       | 7.40  | 8.50  |
| 11P      | 6.25       | 8.65  | 9.75  |
| 13P      | 7.50       | 9.90  | 11.00 |
| 15P      | 8.75       | 11.15 | 12.25 |
| 17P      | 10.00      | 12.40 | 13.50 |
| 19P      | 11.25      | 13.65 | 14.75 |
| 21P      | 12.50      | 14.90 | 16.00 |
| 31P      | 18.75      | 21.15 | 22.25 |
| 41P      | 25.00      | 27.60 | 28.50 |

Unit: mm

## A1256WR-S-XP

1.25mm pitch 90° Wafer-SMT TYPE

### Reference Informations:

- \*Material:Pin:Brass/Gold over Nickel  
Solder Tabs:Brass/Tin over Nickel  
Insulator:Nylon 6T,UL94V-0
- \*Mates with CJT A1256H-XP series Housing
- \*Color:White

### Ordering Information:

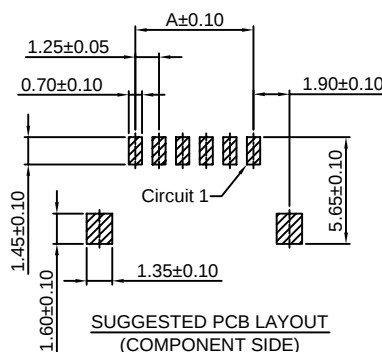
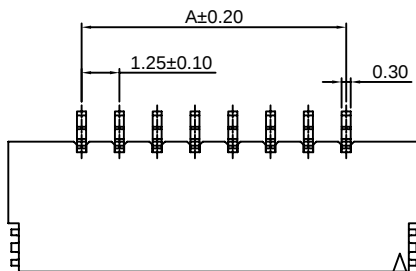
A1256WR-S-XP - \*\*\*  
1 2

1.Part No.

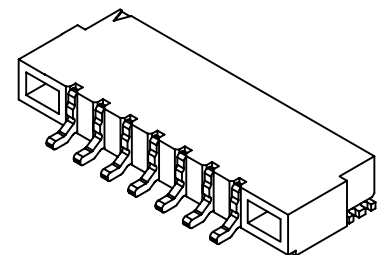
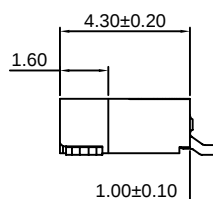
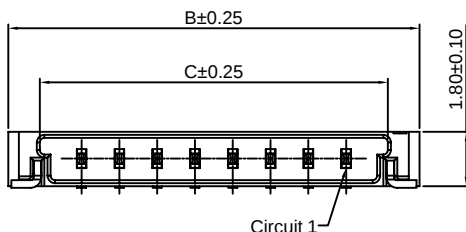
2.Material:

(Blank):Nylon 6T,UL94V-0

GWT:Nylon 6T,UL94V-0,GWT 750 °C



SUGGESTED PCB LAYOUT  
(COMPONENT SIDE)



### Ordering Information & Dimensions:

| PART NO. | Dimensions |       |       |
|----------|------------|-------|-------|
|          | A          | B     | C     |
| 2P       | 1.25       | 6.10  | 4.01  |
| 3P       | 2.50       | 7.35  | 5.26  |
| 4P       | 3.75       | 8.60  | 6.51  |
| 5P       | 5.00       | 9.85  | 7.76  |
| 6P       | 6.25       | 11.10 | 9.01  |
| 8P       | 8.75       | 13.60 | 11.51 |
| 10P      | 11.25      | 16.10 | 14.01 |
| 15P      | 17.25      | 22.35 | 20.26 |
| 20P      | 23.75      | 28.60 | 26.51 |
| 25P      | 30.00      | 34.85 | 32.76 |
| 30P      | 36.25      | 41.10 | 39.01 |

Unit: mm



# A1256 SERIES

1.25mm pitch wire to board connector

## A1256WRA-S-XP

1.25mm pitch 90° Wafer-SMT TYPE

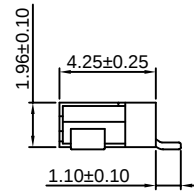
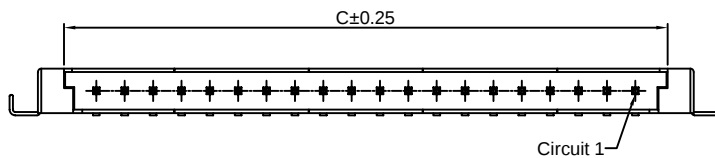
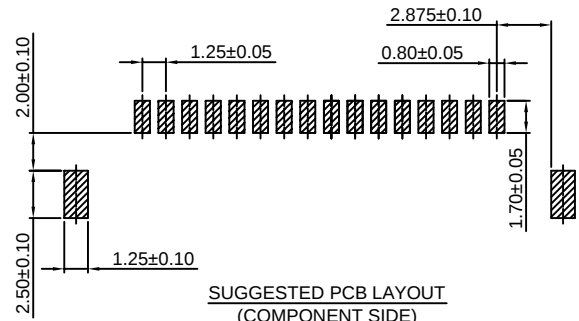
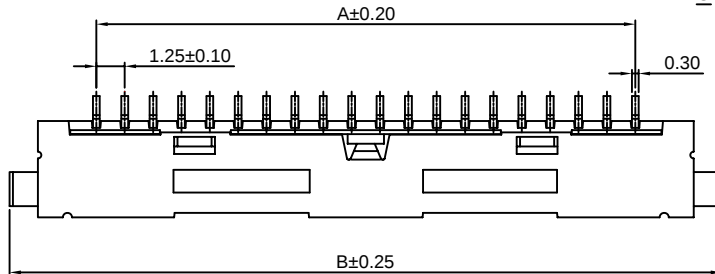
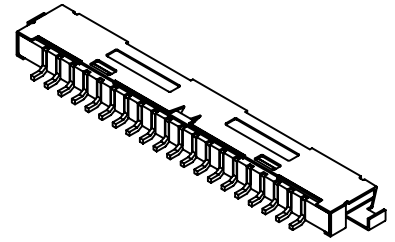
### Reference Informations:

- \*Material: Pin: Brass/Tin over Nickel  
Shell: Brass/Tin over Nickel  
Insulator: LCP, UL94V-0
- \*Mates with CJT A1256H-XP series Housing
- \*Color: White

### Ordering Information:

A1256WRA-S-XP - \*\*\* - \*\*  
1 2 3

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



### Ordering Information & Dimensions:

| PART NO. | Dimensions |       |       |
|----------|------------|-------|-------|
|          | A          | B     | C     |
| 20P      | 23.75      | 31.40 | 26.60 |
| 30P      | 36.25      | 43.60 | 39.10 |

Unit: mm

## A1256WVD-S-F-XP

1.25mm Pitch 180° Dual Row Wafer-SMT TYPE

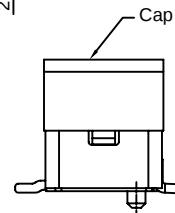
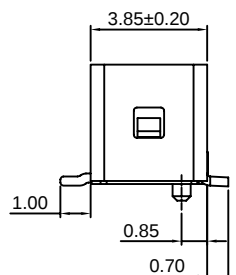
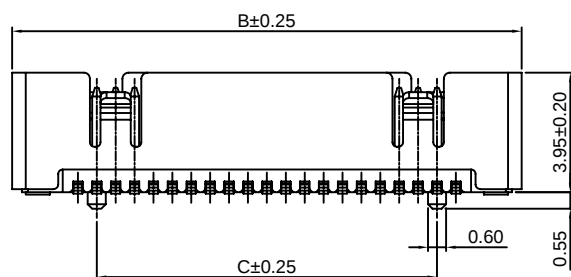
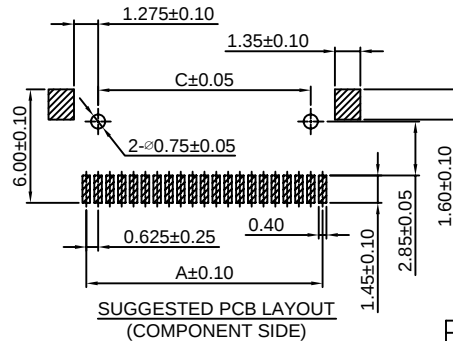
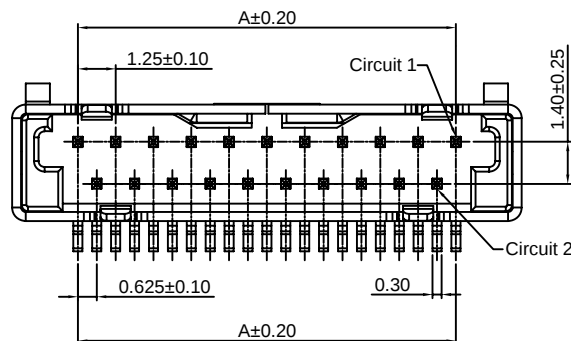
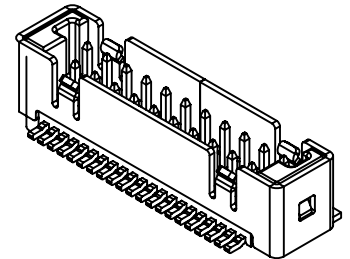
### Reference Informations:

- \*Material: Pin: Brass/Gold over Nickel  
Shell: Brass/Tin over Nickel  
Insulator: Nylon 6T, UL94V-0  
Cap: Nylon 6T, UL94V-0
- \*Mates with CJT A1256HD-XP series Dual Row Housing
- \*Color: White

### Ordering Information:

A1256WVD-S-F-XP - \*\*\*  
1 2

1. Part No.
2. Material:  
(Blank): Nylon 6T, UL94V-0  
GWT: Nylon 6T, UL94V-0, GWT 750 °C



### Ordering Information & Dimensions:

| PART NO. | Dimensions |       |       |
|----------|------------|-------|-------|
|          | A          | B     | C     |
| 21P      | 12.50      | 16.85 | 11.25 |
| 31P      | 18.75      | 23.10 | 17.50 |

Unit: mm



# A1256 SERIES

1.25mm pitch wire to board connector

## A1256WRD-S-XP

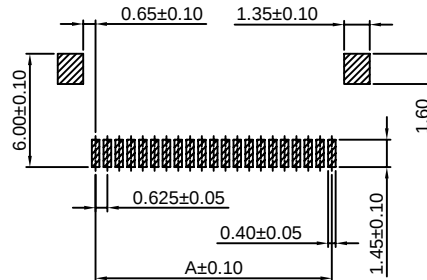
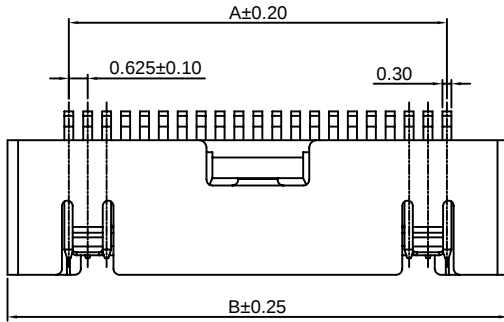
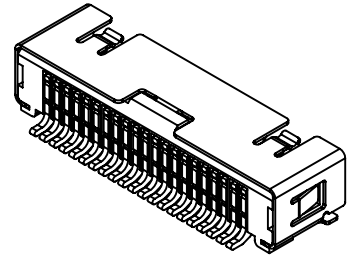
1.25mm Pitch 90° Dual Row Wafer-SMT TYPE

### Reference Informations:

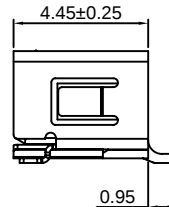
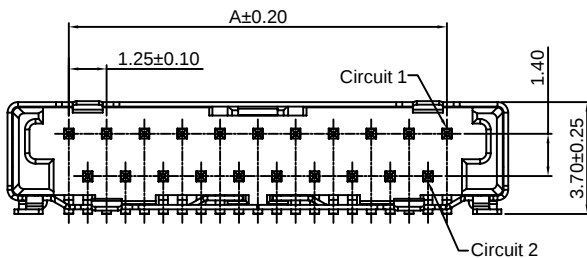
- \*Material: Pin: Brass/Gold over Nickel  
Shell: Brass/Tin over Nickel  
Insulator: Nylon 6T, UL94V-0
- \*Mates with CJT A1256HD-XP series Dual Row Housing
- \*Color: White

### Ordering Information:

- A1256WRD-S-XP - \*\*\*  
1 2
1. Part No.
  2. Material:  
(Blank): Nylon 6T, UL94V-0  
GWT: Nylon 6T, UL94V-0, GWT 750 °C



SUGGESTED PCB LAYOUT  
(COMPONENT SIDE)



### Ordering Information & Dimensions:

| PART NO. | Dimensions |       |
|----------|------------|-------|
|          | A          | B     |
| 21P      | 12.50      | 16.55 |
| 31P      | 18.75      | 22.80 |
| 41P      | 25.00      | 29.05 |

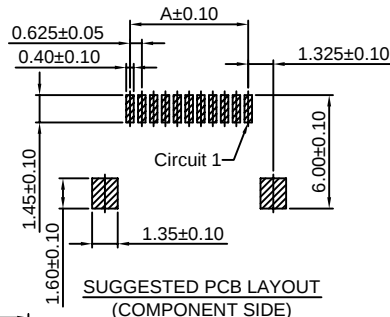
Unit: mm

## A1256WRDA-S-XP

1.25mm pitch 90° Dual Row Wafer-SMT TYPE

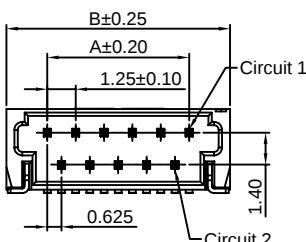
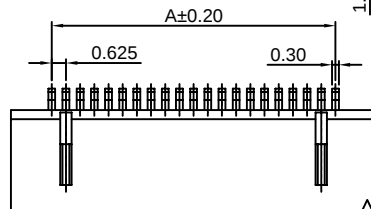
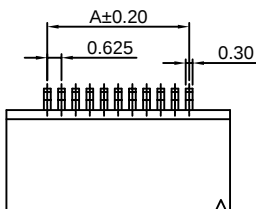
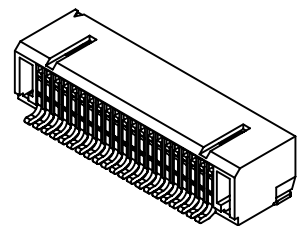
### Reference Informations:

- \*Material: Pin: Brass/Gold over Nickel  
Solder Tabs: Brass/Tin over Nickel  
Insulator: Nylon 6T, UL94V-0
- \*Mates with CJT A1256HD-XP series dual row Housing
- \*Color: White

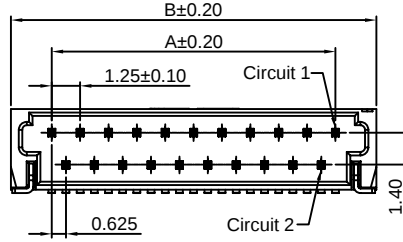


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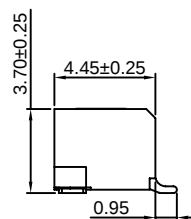
- A1256WRDA-S-XP - \*\*\*  
1 2
1. Part No.
  2. Material:  
(Blank): Nylon 6T, UL94V-0  
GWT: Nylon 6T, UL94V-0, GWT 750 °C



5, 7, 9, 11 Contacts



13, 15, 17, 19, 21, 31, 41 Contacts



### Ordering Information & Dimensions:

| PART NO. | Dimensions |       |
|----------|------------|-------|
|          | A          | B     |
| 5P       | 2.50       | 6.10  |
| 7P       | 3.75       | 7.35  |
| 9P       | 5.00       | 8.60  |
| 11P      | 6.25       | 9.85  |
| 13P      | 7.50       | 11.10 |
| 15P      | 8.75       | 12.35 |
| 17P      | 10.00      | 13.60 |
| 19P      | 11.25      | 14.85 |
| 21P      | 12.50      | 16.10 |
| 31P      | 18.75      | 22.35 |
| 41P      | 25.00      | 28.60 |

Unit: mm