

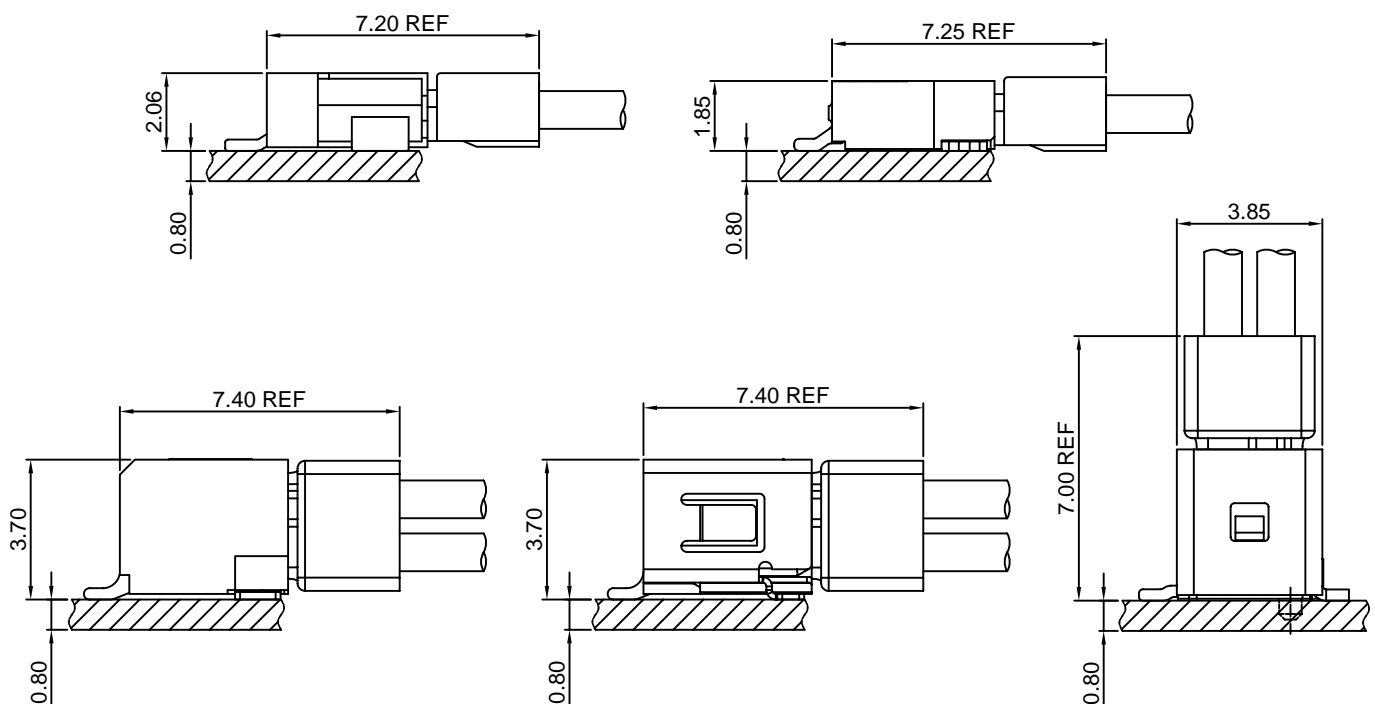
## Specifications

- 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





# A1256 SERIES

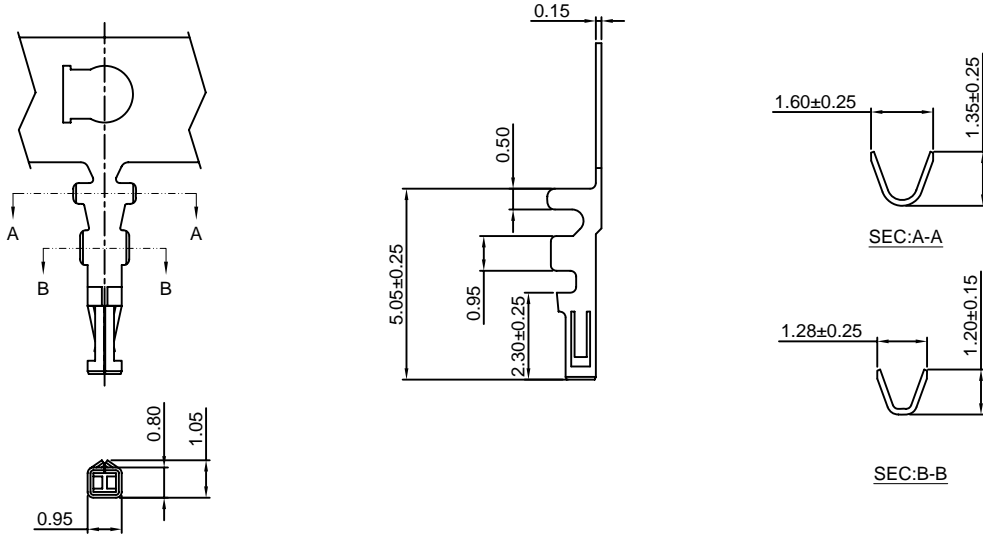
1.25mm pitch wire to board connector

## 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

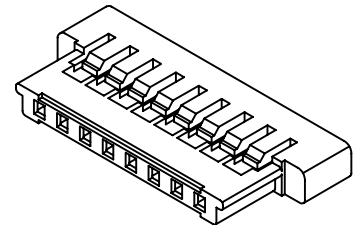
Optional Gold plating available but MOQ requested

## A1256H-XP

1.25mm pitch Housing

**Reference Informations:**

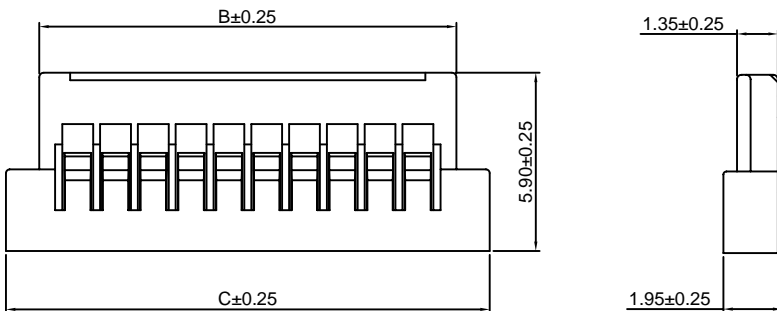
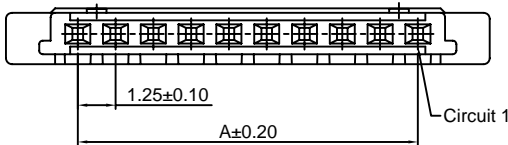
- \*Material:Nylon 66,UL94V-0
- \*Suitable CJT A1256-T series Terminal
- \*Mates with CJT A1256WR-S,WRA-S-XP series Wafer
- \*Color:Black



**Ordering Information:**

A1256H-XP - \*\*\*  
1 2

- Part No.
- Material:  
(Blank):Nylon 66,UL94V-0  
GWT:Nylon 66,UL94V-0,GWT 750°C



**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

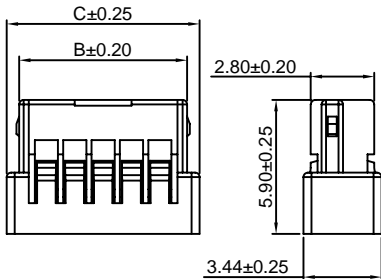
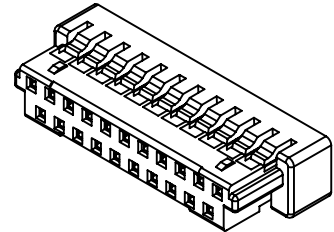
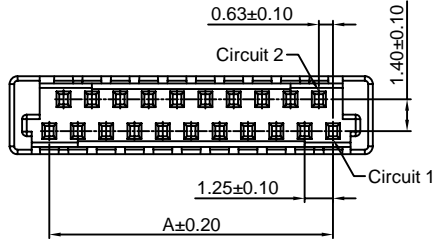
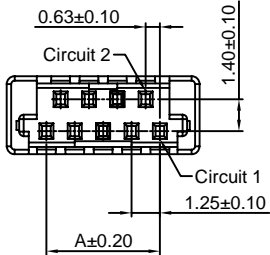
1.25mm pitch Dual Row Housing

### Reference Informations:

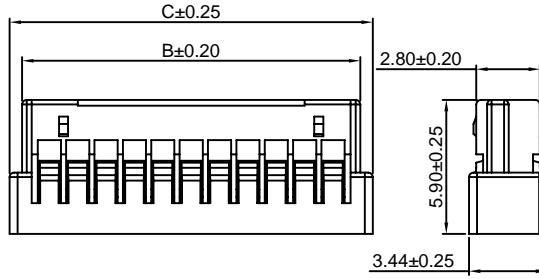
- \*Material:Nylon 66,UL94V-0
- \*Suitable CJT A1256-T series Terminal
- \*Mates with CJT A1256WVD-S-F, WRD-S, WRDA-S-XP series Dual Row Wafer
- \*Color:Black

### 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

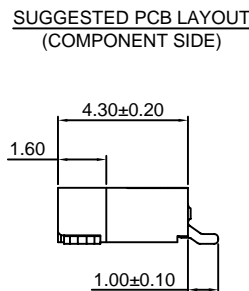
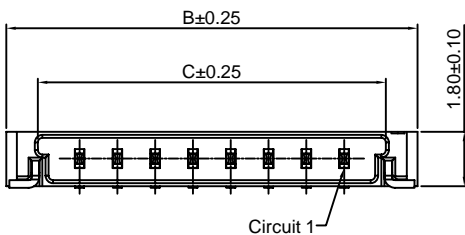
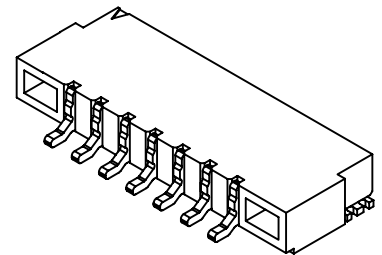
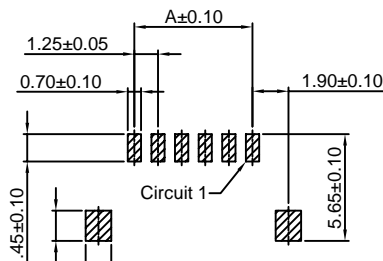
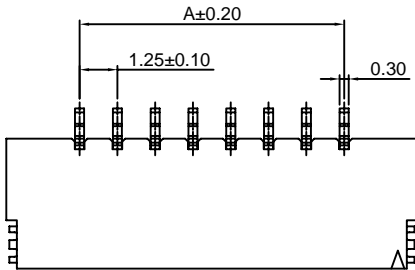
1.25mm pitch 90° Wafer-SMT TYPE

### 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

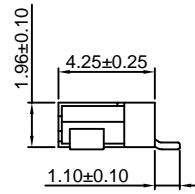
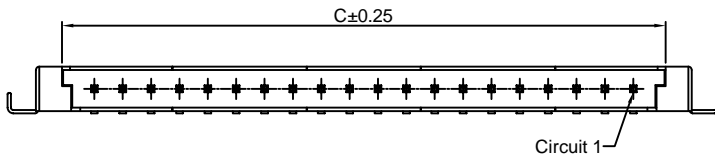
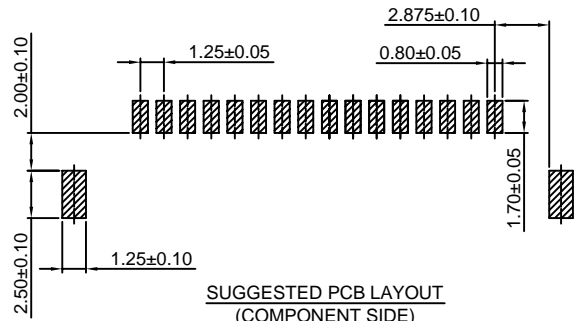
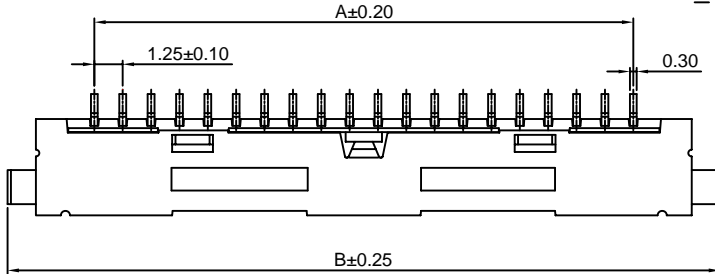
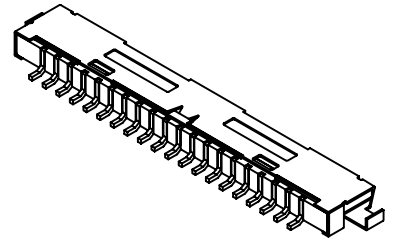
1.25mm pitch 90° Wafer-SMT TYPE

### 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

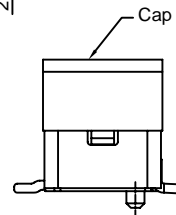
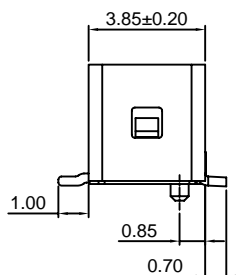
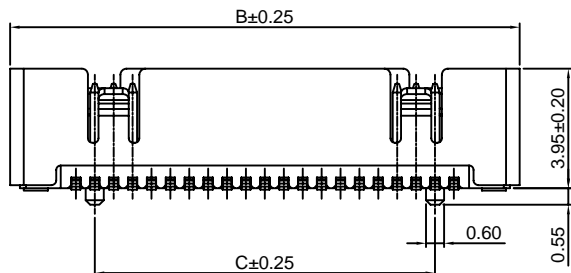
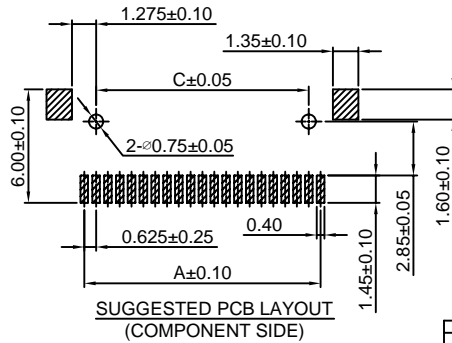
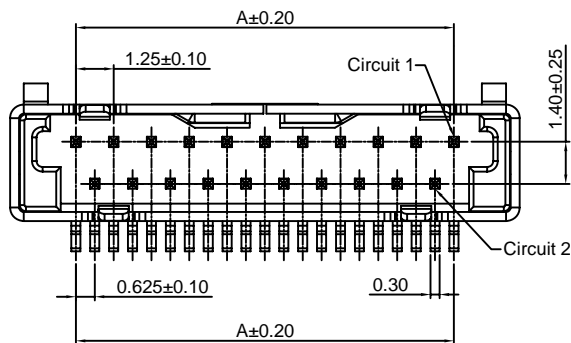
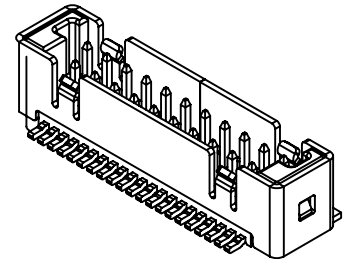
1.25mm Pitch 180° Dual Row Wafer-SMT TYPE

### 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

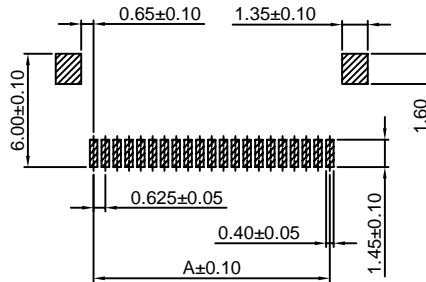
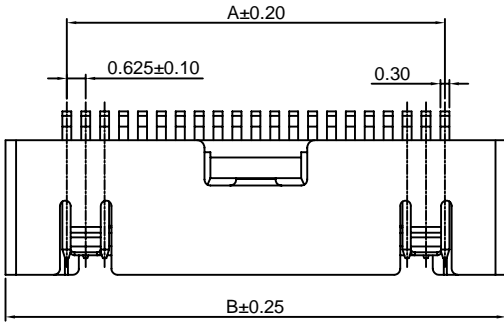
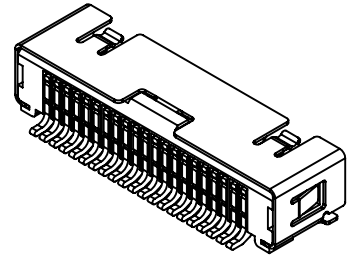
## A1256WRD-S-XP

1.25mm Pitch 90° Dual Row Wafer-SMT TYPE

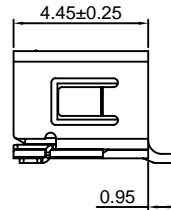
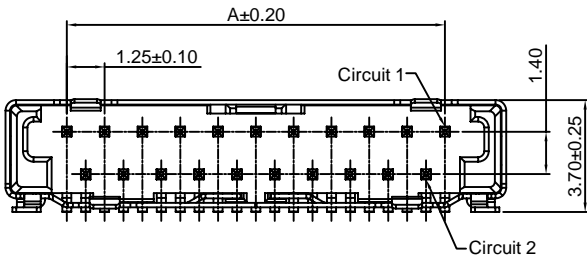
**Reference Informations:**

- \*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

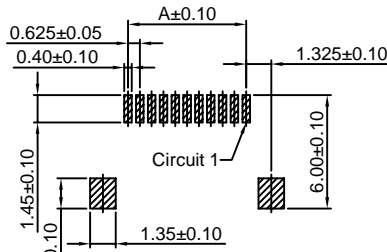
Unit: mm

## A1256WRDA-S-XP

1.25mm pitch 90° Dual Row Wafer-SMT TYPE

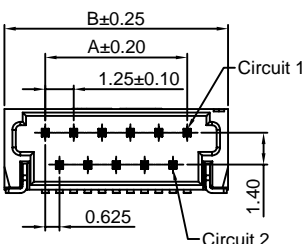
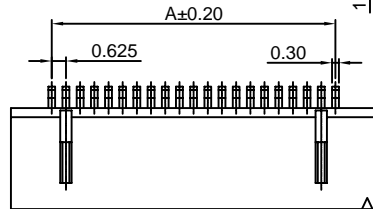
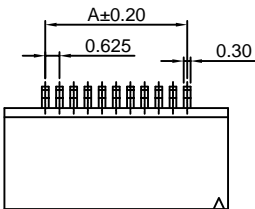
**Reference Informations:**

- \*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

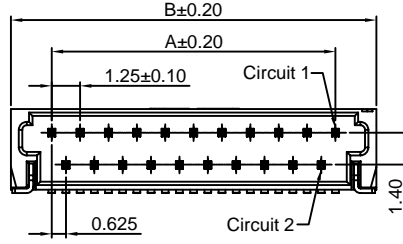


Ordering Information:  
A1256WRDA-S-XP - \*\*\*  
1 2  
1. Part No.  
2. Material:  
(Blank): Nylon 6T, UL94V-0  
GWT: Nylon 6T, UL94V-0, GWT 750 °C

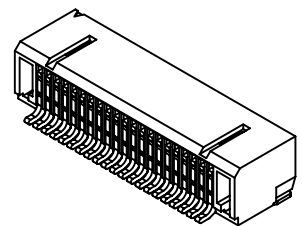
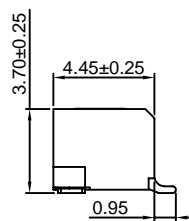
SUGGESTED PCB LAYOUT (COMPONENT SIDE)



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