

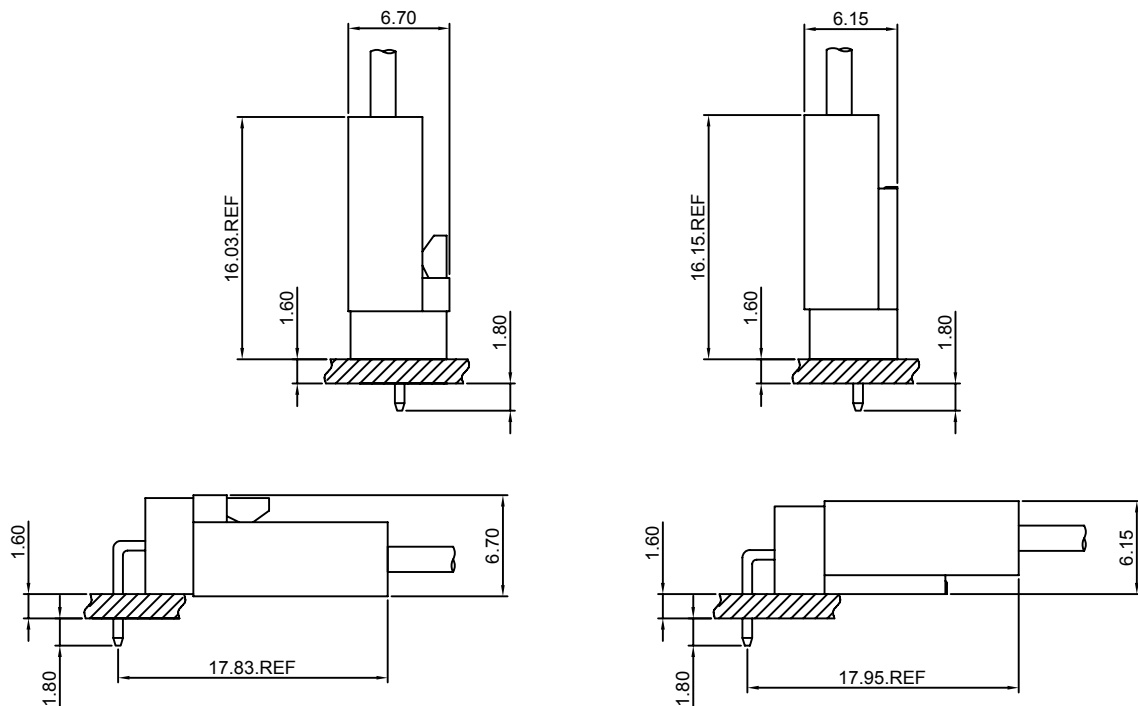
## Specifications

- Current rating:4A AC,DC
- Voltage rating:250V 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

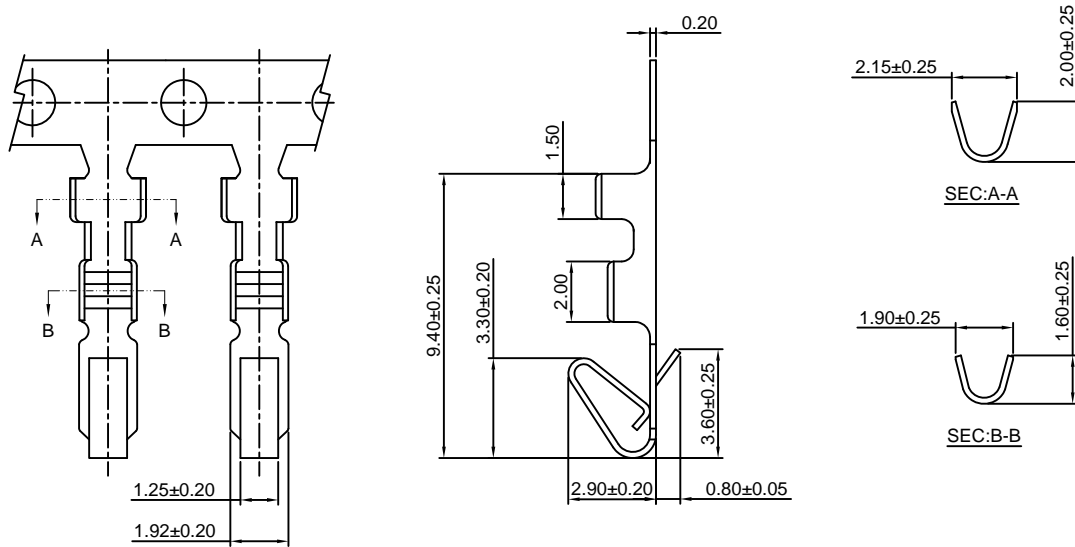


# A2543-T

2.54mm Pitch Crimp Terminal

#### Reference Informations:

\*Used in CJT A2543H-XP, A2543HA, HB-XP-WH, A2543HC-4P, C2504AH-XP series Housing



Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2543-TB	AWG#22-#28	1.90mm(max)	Brass	Tin over Nickel	10,000 PCS
A2543-TP	AWG#22-#28	1.90mm(max)	Phosphor Bronze	Tin over Nickel	10,000 PCS
A2543-GB	AWG#22-#28	1.90mm(max)	Brass	Gold over Nickel	10,000 PCS
A2543-GP	AWG#22-#28	1.90mm(max)	Phosphor Bronze	Gold over Nickel	10,000 PCS

Optional Gold plating available but MOQ requested

# A2543H-XP

2.54mm Pitch Housing

#### Reference Informations:

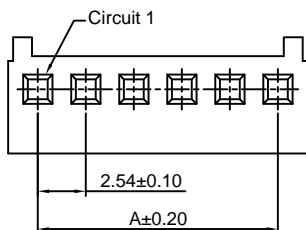
\*Material:Nylon 66,UL94V-0

\*Suitable CJT A2543-T series Terminal

\*Mates with CJT A2543WV, WR-XP, A2543WR-XP-L,

A2543WR-S-XP series Wafer

\*Color:Beige or White



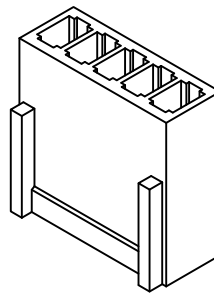
#### Ordering Information:

A2543H-XP - \* - \*\*\*  
1 2 3

1.Part No.

2.Style:  
(blank) :Type 1/Beige  
2 :Type 2/White

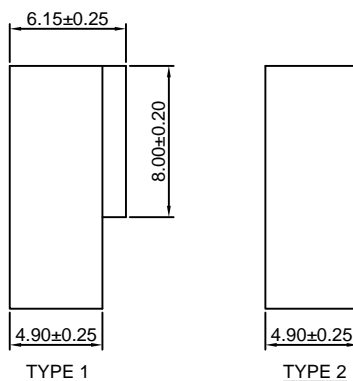
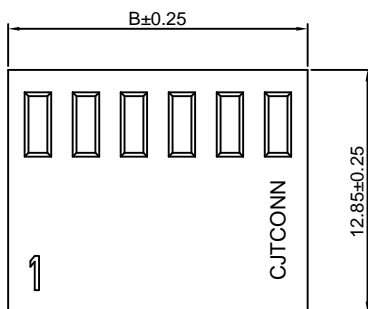
3.Material:  
(Blank):Nylon 66,UL94V-0  
GWT:Nylon 66,UL94V-0,GWT 750 °C



#### Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	2.54	5.68
3P	5.08	8.22
4P	7.62	10.76
5P	10.16	13.30
6P	12.70	15.84
7P	15.24	18.38
8P	17.78	20.92
9P	20.32	23.46
10P	22.86	26.00
11P	25.40	28.54
12P	27.94	31.08
13P	30.48	33.62
14P	33.02	36.16
15P	35.56	38.70
16P	38.10	41.24
17P	40.64	43.78
18P	43.18	46.32
19P	45.72	48.86
20P	48.26	51.40
21P	50.80	53.94
22P	53.34	56.48
23P	55.88	59.02
24P	58.42	61.56
25P	60.96	64.10

Unit: mm



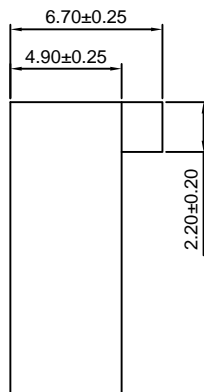
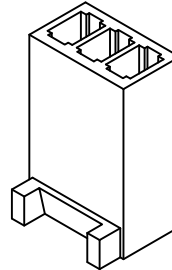
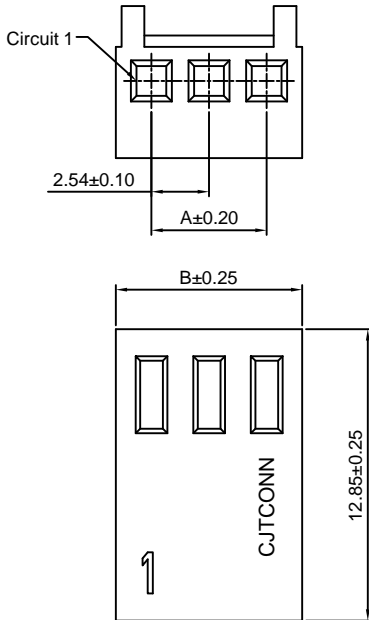
### A2543HA-XP-WH

2.54mm Pitch Housing

**Reference Informations:**

- \*Material:Nylon 66,UL94V-0
- \*Suitable CJT A2543-T series Terminal
- \*Mates with CJT A2543WVA,WRA-XP-WH, A2543WRD-XP,A2543WVB-S-XP, D2541WVA(-F)-XP,WRA-XP(-2) series Wafer
- \*Color: White

Ordering Information:  
A2543HA-XP-WH - \*\*\*  
 1 2  
 1.Part No.  
 2.Material:  
 (Blank):Nylon 66,UL94V-0  
 GWT:Nylon 66,UL94V-0,GWT 750 °C



**Ordering Information & Dimensions:**

PART NO.	Dimensions	
	A	B
2P	2.54	5.68
3P	5.08	8.22
4P	7.62	10.76
5P	10.16	13.30
6P	12.70	15.84
7P	15.24	18.38
8P	17.78	20.92
9P	20.32	23.46
10P	22.86	26.00
11P	25.40	28.54
12P	27.94	31.08
13P	30.48	33.62
14P	33.02	36.16
15P	35.56	38.70
16P	38.10	41.24
17P	40.64	43.78
18P	43.18	46.32
19P	45.72	48.86
20P	48.26	51.40
21P	50.80	53.94
22P	53.34	56.48
23P	55.88	59.02
24P	58.42	61.56
25P	60.96	64.10

Unit: mm

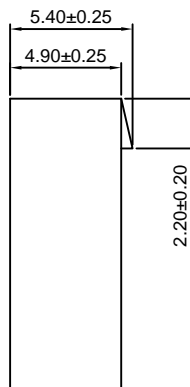
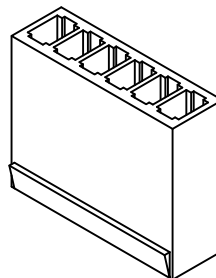
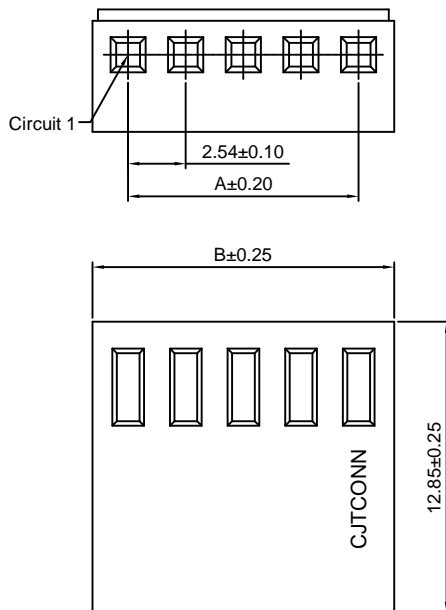
### A2543HB-XP-WH

2.54mm Pitch Housing

**Reference Informations:**

- \*Material:Nylon 66,UL94V-0
- \*Suitable CJT A2543-T series Terminal
- \*Mates with CJT A2543WVA,WRA-XP-WH, A2543WRD-XP,A2543WVB-S-XP , D2541WVA(-F)-XP,WRA-XP(-2) series Wafer
- \*Color:White

Ordering Information:  
A2543HB-XP-WH - \*\*\*  
 1 2  
 1.Part No.  
 2.Material:  
 (Blank):Nylon 66,UL94V-0  
 GWT:Nylon 66,UL94V-0,GWT 750 °C



**Ordering Information & Dimensions:**

PART NO.	Dimensions	
	A	B
2P	2.54	5.68
3P	5.08	8.22
4P	7.62	10.76
5P	10.16	13.30
6P	12.70	15.84
7P	15.24	18.38
8P	17.78	20.92
9P	20.32	23.46
10P	22.86	26.00
11P	25.40	28.54
12P	27.94	31.08
13P	30.48	33.62
14P	33.02	36.16
15P	35.56	38.70
16P	38.10	41.24
17P	40.64	43.78
18P	43.18	46.32
19P	45.72	48.86
20P	48.26	51.40
21P	50.80	53.94
22P	53.34	56.48
23P	55.88	59.02
24P	58.42	61.56
25P	60.96	64.10

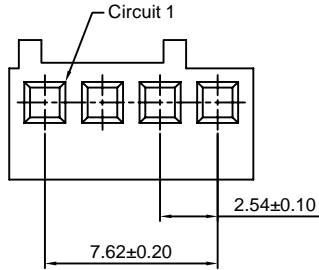
Unit: mm

### A2543HC-4P

2.54mm Pitch Housing

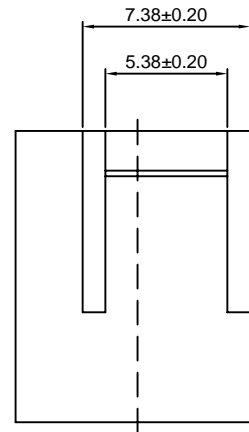
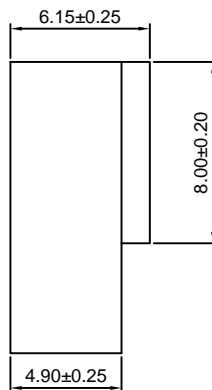
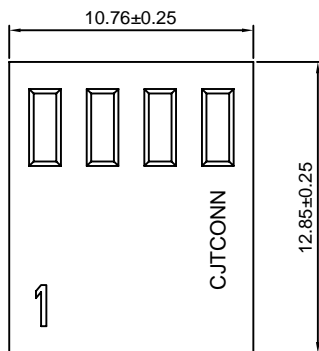
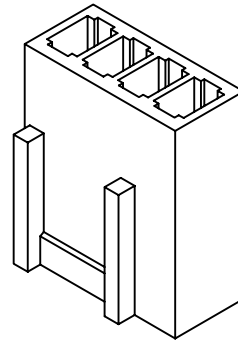
**Reference Informations:**

- \*Material:Nylon 66,UL94V-0
- \*Suitable CJT A2543-T series Terminal
- \*Mates with CJT A2543WVC-4P series Wafer
- \*Color:Beige



**Ordering Information:**

- A2543H-4P - \*\*\*  
 1 2
- 1.Part No.
  - 2.Material:  
 (Blank):Nylon 66,UL94V-0  
 GWT:Nylon 66,UL94V-0,GWT 750 °C



Unit: mm

### A2543WV-XP

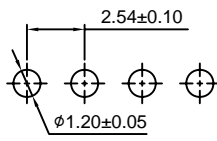
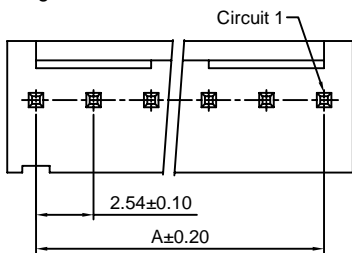
2.54mm pitch 180° Wafer

**Reference Informations:**

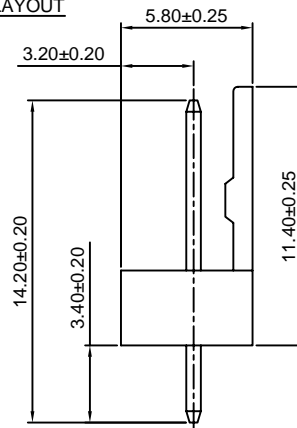
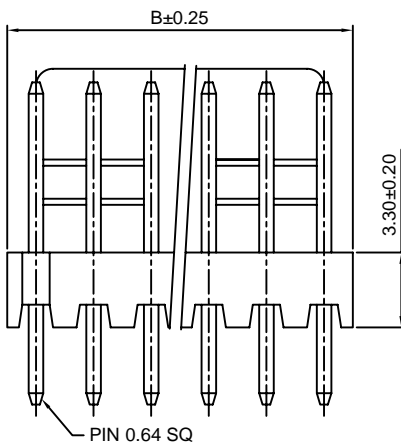
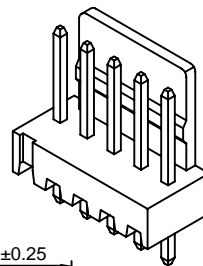
- \*Material:Pin:Brass/Tin over Nickel  
 Insulator:Nylon 66,UL94V-0
- \*Mates with CJT A2543H-XP series Housing
- \*Color:Beige

**Ordering Information:**

- A2543WV-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



P.C.B LAYOUT



**Ordering Information & Dimensions:**

PART NO.	Dimensions	
	A	B
2P	2.54	5.08
3P	5.08	7.62
4P	7.62	10.16
5P	10.16	12.70
6P	12.70	15.24
7P	15.24	17.78
8P	17.78	20.32
9P	20.32	22.86
10P	22.86	25.40
11P	25.40	27.94
12P	27.94	30.48
13P	30.48	33.02
14P	33.02	35.56
15P	35.56	38.10
16P	38.10	40.64
17P	40.64	43.18
18P	43.18	45.72
19P	45.72	48.26
20P	48.26	50.80
21P	50.80	53.34
22P	53.34	55.88
23P	55.88	58.42
24P	58.42	60.96
25P	60.96	63.50
26P	63.50	66.04
27P	66.04	68.58
28P	68.58	71.12

Unit: mm

### A2543WR-XP

2.54mm pitch 90° Wafer

#### Reference Informations:

- \*Material:Pin:Brass/Tin over Nickel  
Insulator:Nylon 66,UL94V-0
- \*Mates with CJT A2543H-XP series Housing
- \*Color:Beige

#### Ordering Information:

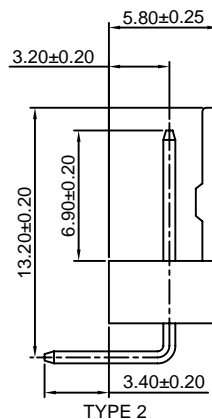
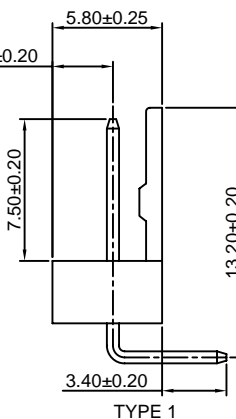
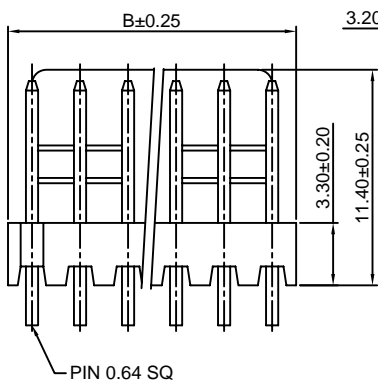
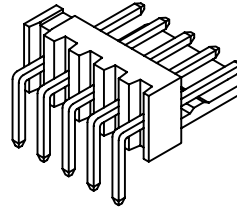
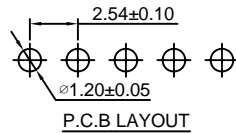
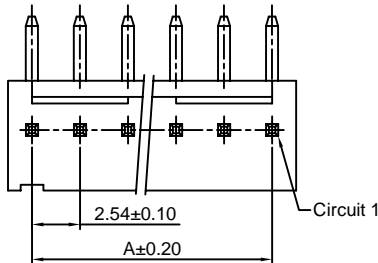
A2543WR-XP - \* - \*\*\* - \*\*  
1 2 3 4

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

#### Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	2.54	5.08
3P	5.08	7.62
4P	7.62	10.16
5P	10.16	12.70
6P	12.70	15.24
7P	15.24	17.78
8P	17.78	20.32
9P	20.32	22.86
10P	22.86	25.40
11P	25.40	27.94
12P	27.94	30.48
13P	30.48	33.02
14P	33.02	35.56
15P	35.56	38.10
16P	38.10	40.64
17P	40.64	43.18
18P	43.18	45.72
19P	45.72	48.26
20P	48.26	50.80
21P	50.80	53.34
22P	53.34	55.88
23P	55.88	58.42
24P	58.42	60.96
25P	60.96	63.50
26P	63.50	66.04
27P	66.04	68.58
28P	68.58	71.12

Unit: mm



### A2543WR-XP-L

2.54mm pitch 90° Wafer

#### Reference Informations:

- \*Material:Pin:Brass/Tin over Nickel  
Insulator:Nylon 66,UL94V-0
- \*Mates with CJT A2543H-XP series Housing
- \*Color:Beige

#### Ordering Information:

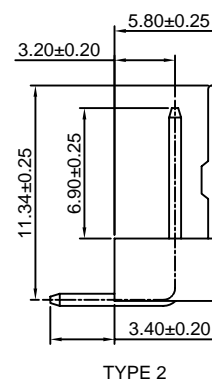
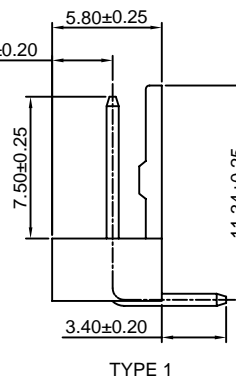
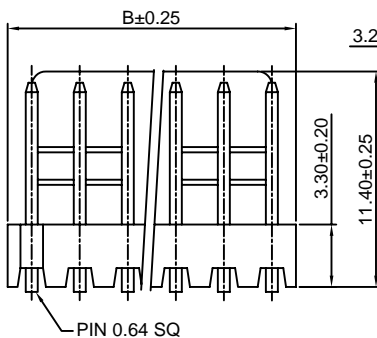
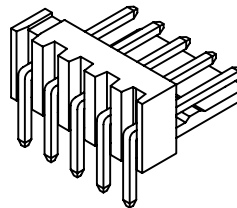
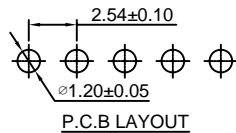
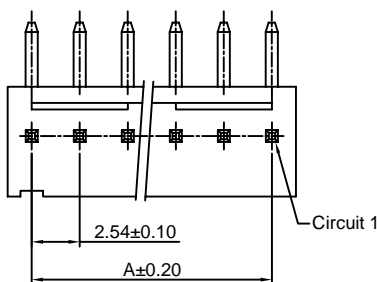
A2543WR-XP-L - \* - \*\*\* - \*\*  
1 2 3 4

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

#### Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	2.54	5.08
3P	5.08	7.62
4P	7.62	10.16
5P	10.16	12.70
6P	12.70	15.24
7P	15.24	17.78
8P	17.78	20.32
9P	20.32	22.86
10P	22.86	25.40
11P	25.40	27.94
12P	27.94	30.48
13P	30.48	33.02
14P	33.02	35.56
15P	35.56	38.10
16P	38.10	40.64
17P	40.64	43.18
18P	43.18	45.72
19P	45.72	48.26
20P	48.26	50.80
21P	50.80	53.34
22P	53.34	55.88
23P	55.88	58.42
24P	58.42	60.96
25P	60.96	63.50
26P	63.50	66.04
27P	66.04	68.58
28P	68.58	71.12

Unit: mm



### A2543WVA-XP-WH

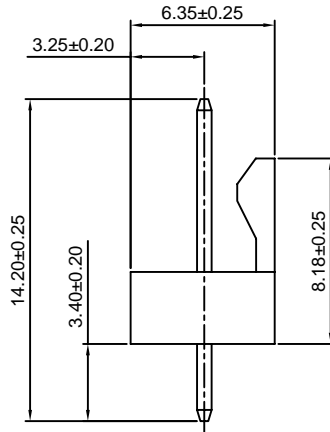
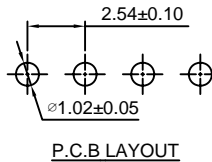
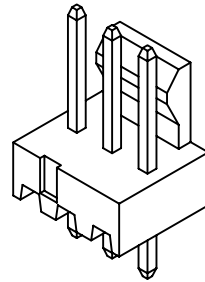
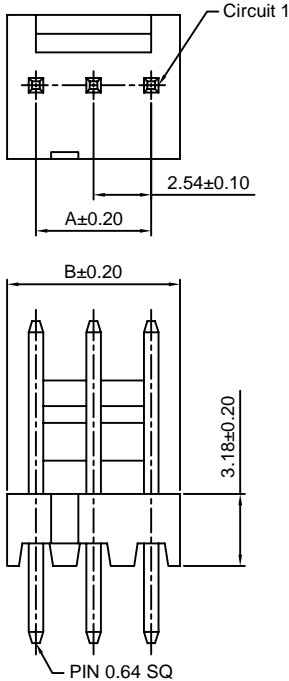
2.54mm pitch 180° Wafer

#### Reference Informations:

- \*Material: Pin: Brass/Tin over Nickel  
Insulator: Nylon 66, UL94V-0
- \*Mates with CJT A2543HA, HB-XP-WH series Housing
- \*Color: White

Ordering Information:  
A2543WVA-XP-WH - \*\*\* - \*\*  
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	2.54	5.08
3P	5.08	7.62
4P	7.62	10.16
5P	10.16	12.70
6P	12.70	15.24
7P	15.24	17.78
8P	17.78	20.32
9P	20.32	22.86
10P	22.86	25.40
11P	25.40	27.94
12P	27.94	30.48
13P	30.48	33.02
14P	33.02	35.56
15P	35.56	38.10
16P	38.10	40.64
17P	40.64	43.18
18P	43.18	45.72
19P	45.72	48.26
20P	48.26	50.80
21P	50.80	53.34
22P	53.34	55.88
23P	55.88	58.42
24P	58.42	60.96
25P	60.96	63.50
26P	63.50	66.04
27P	66.04	68.58
28P	68.58	71.12

Unit: mm

### A2543WRA-XP-WH

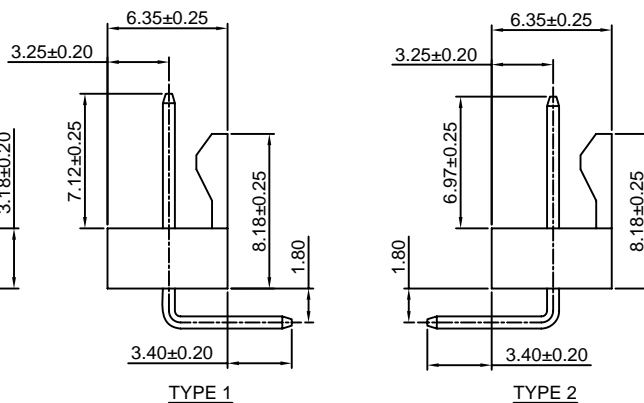
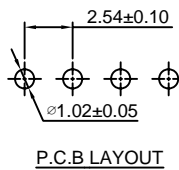
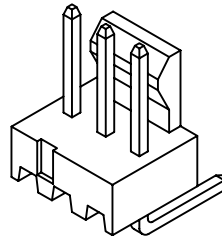
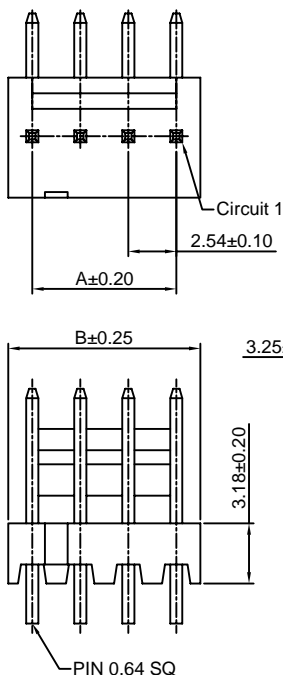
2.54mm Pitch 90° Wafer

#### Reference Informations:

- \*Material: Pin: Brass/Tin over Nickel  
Insulator: Nylon 66, UL94V-0
- \*Mates with CJT A2543HA, HB-XP-WH series Housing
- \*Color: White

Ordering Information:  
A2543WRA-XP-WH - \* - \*\*\* - \*\*  
1 2 3 4

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



#### Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	2.54	5.08
3P	5.08	7.62
4P	7.62	10.16
5P	10.16	12.70
6P	12.70	15.24
7P	15.24	17.78
8P	17.78	20.32
9P	20.32	22.86
10P	22.86	25.40
11P	25.40	27.94
12P	27.94	30.48
13P	30.48	33.02
14P	33.02	35.56
15P	35.56	38.10
16P	38.10	40.64
17P	40.64	43.18
18P	43.18	45.72
19P	45.72	48.26
20P	48.26	50.80
21P	50.80	53.34
22P	53.34	55.88
23P	55.88	58.42
24P	58.42	60.96
25P	60.96	63.50
26P	63.50	66.04
27P	66.04	68.58
28P	68.58	71.12

Unit: mm

### A2543WVC-4P

2.54mm pitch 180° Wafer

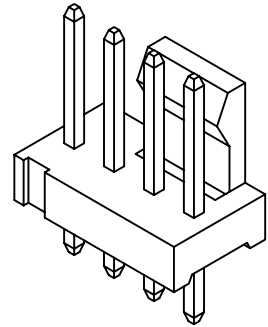
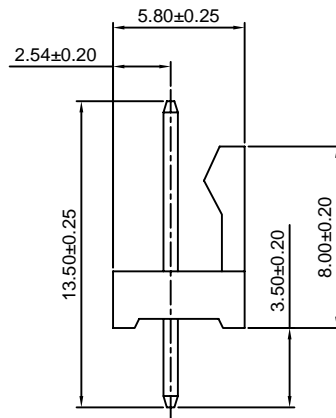
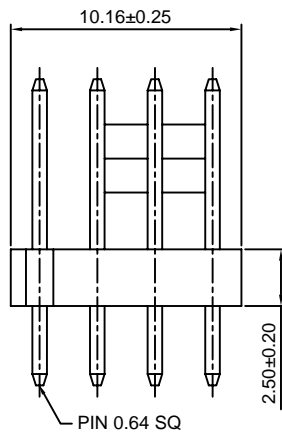
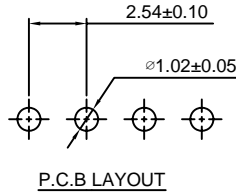
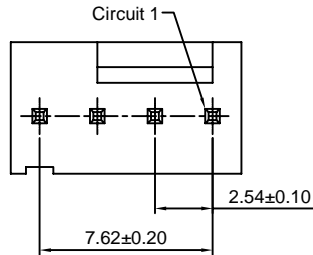
**Reference Informations:**

- \*Material: Pin: Brass/Tin over Nickel  
Insulator: Nylon 66, UL94V-0
- \*Mates with CJT A2543HC-4P series Housing
- \*Color: Beige

**Ordering Information:**

A2543WVC-4P - \*\*\* - \*\*  
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



Unit: mm

### A2543WRD-XP

2.54mm Pitch 90° Wafer

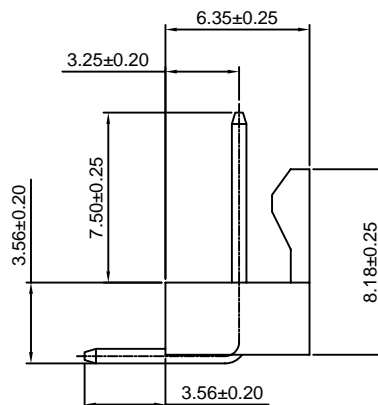
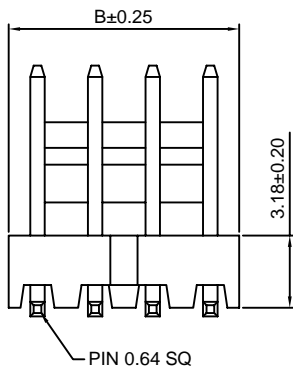
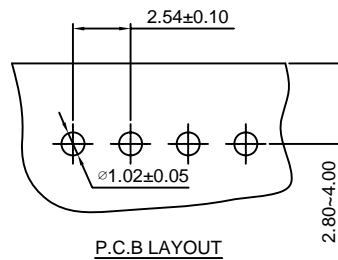
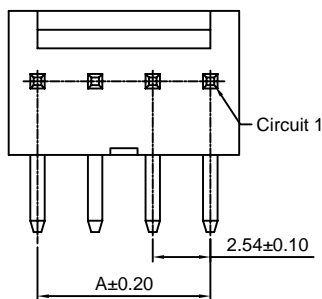
**Reference Informations:**

- \*Material: Pin: Brass/Tin over Nickel  
Insulator: Nylon 66, UL94V-0
- \*Mates with CJT A2543HA, HB-XP-WH series Housing
- \*Color: White

**Ordering Information:**

A2543WRD-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	2.54	5.08
3P	5.08	7.62
4P	7.62	10.16
5P	10.16	12.70
6P	12.70	15.24
7P	15.24	17.78
8P	17.78	20.32
9P	20.32	22.86
10P	22.86	25.40
11P	25.40	27.94
12P	27.94	30.48
13P	30.48	33.02
14P	33.02	35.56
15P	35.56	38.10
16P	38.10	40.64
17P	40.64	43.18
18P	43.18	45.72
19P	45.72	48.26
20P	48.26	50.80

Unit: mm

### A2543WR-S-XP

2.54mm Pitch 90° Wafer - SMT TYPE

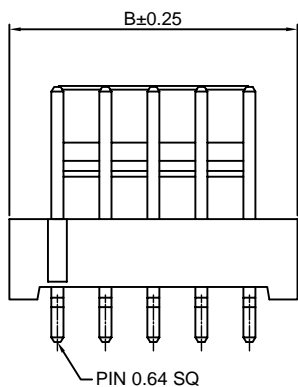
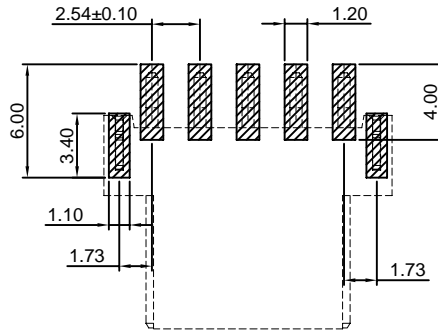
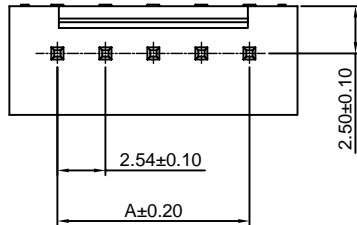
**Reference Informations:**

- \*Material:Pin:Brass/Tin over Nickel  
Insulator:Nylon 9T,UL94V-0
- \*Mates with CJT A2543H-XP series Housing
- \*Color:Natural

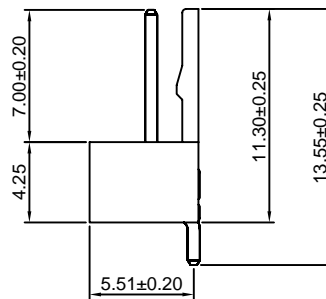
**Ordering Information:**

A2543WR-S-XP - \*\*\* - \*\*  
1 2 3

- Part No.
- Material:  
(Blank):Nylon 9T,UL94V-0  
GWT:Nylon 9T,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	2.54	7.62
4P	7.62	12.70
5P	10.16	15.24

Unit: mm

### A2543WVB-S-XP

2.54mm pitch 180° Wafer - SMT TYPE

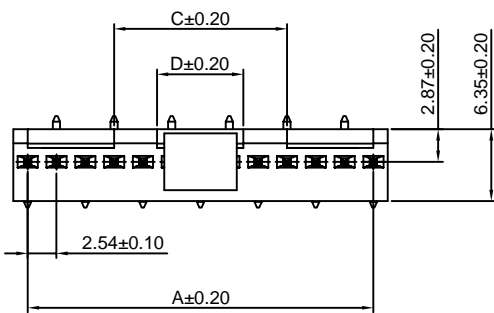
**Reference Informations:**

- \*Material:Pin:Brass/Tin over Nickel  
Insulator:LCP,UL94V-0
- \*Mates with CJT A2543HA,HB-XP-WH series Housing
- \*Color:Ivory

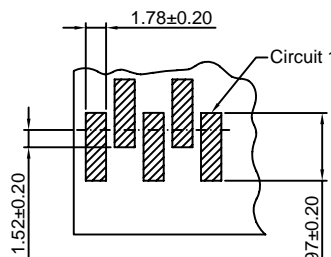
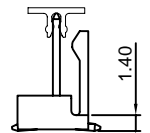
**Ordering Information:**

A2543WVB-S-XP - \*\*\* - \*\* - \*  
1 2 3 4

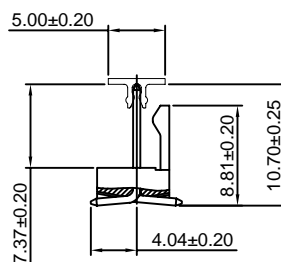
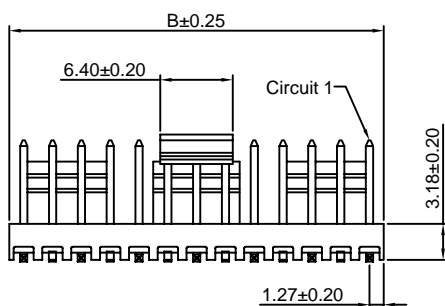
- Part No.
- Material:  
(Blank):LCP,UL94V-0  
GWT:LCP,UL94V-0,GWT 750 °C
- Color:  
(blank):Ivory  
BK:Black
- Finish:  
(blank):Tin over Nickel  
G:Gold over Nickel



TYPICAL END VIEW FOR 2P THRU 7P



P.C.B LAYOUT



**Ordering Information & Dimensions:**

PART NO.	Dimensions			
	A	B	C	D
2P	2.54	5.08	----	----
3P	5.08	7.62	----	----
4P	7.62	10.16	----	----
5P	10.16	12.70	----	----
6P	12.70	15.24	----	----
7P	15.24	17.78	----	----
8P	17.78	20.32	2.54	----
9P	20.32	22.86	5.08	----
10P	22.86	25.40	7.62	----
11P	25.40	27.94	10.16	----
12P	27.94	30.48	12.70	7.62
13P	30.48	33.02	15.24	7.62
14P	33.02	35.56	17.78	12.70
15P	35.56	38.10	20.32	12.70
16P	38.10	40.64	22.86	12.70
17P	40.64	43.18	25.40	12.70
18P	43.18	45.72	27.94	12.70

Unit: mm



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