



A2505 SERIES

2.50mm pitch wire to board connector

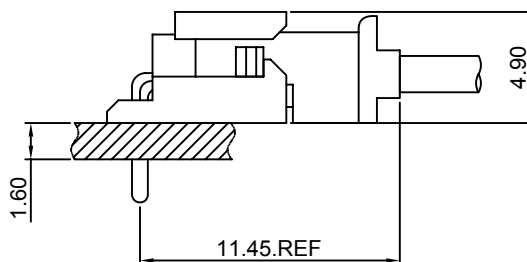
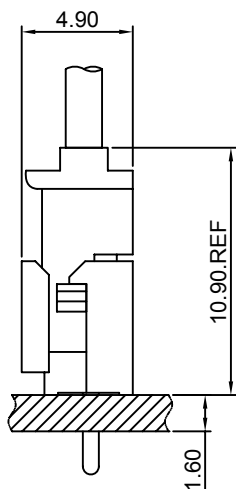
Specifications

Current rating:3A AC,DC
Voltage rating:250V AC,DC
Temperature range:-40°C~+105°C
Contact resistance:20mΩMax.
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





A2505 SERIES

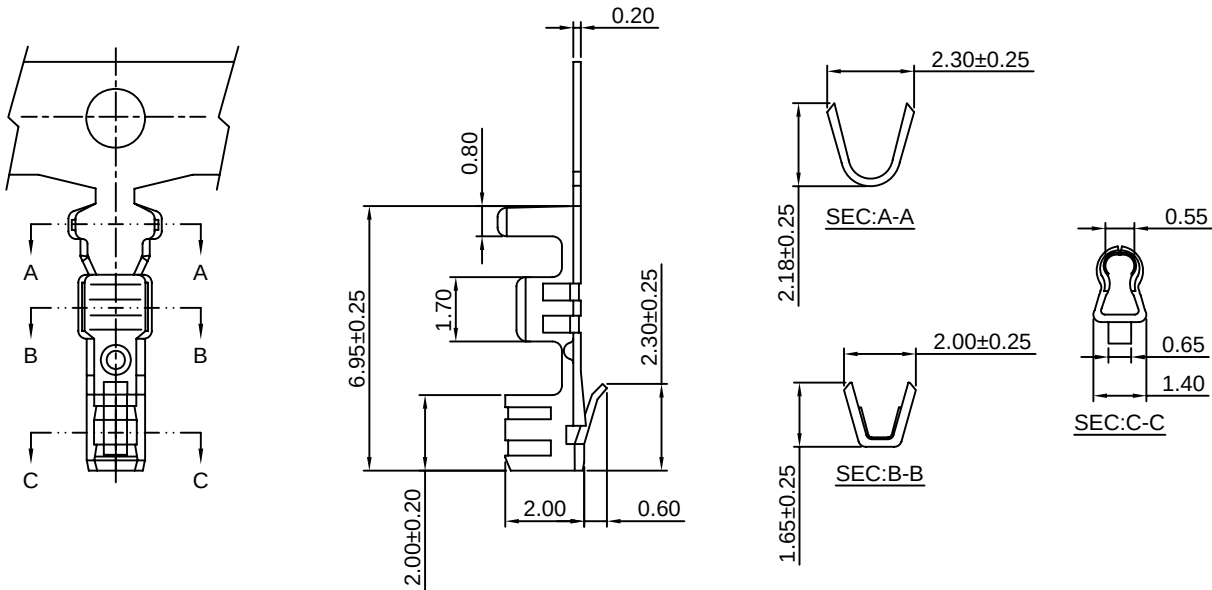
2.50mm pitch wire to board connector

A2505-T

2.50mm pitch Crimp Terminal

Reference Informations:

*Used in CJT A2505H-XP series Housing



Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2505-TP	AWG#22-#28	1.90mm(max)	Phosphor Bronze	Tin over Nickel	10,000 PCS
A2505-GP	AWG#22-#28	1.90mm(max)	Phosphor Bronze	Gold over Nickel	10,000 PCS

Optional Gold plating available but MOQ requested

A2505H-XP

2.50mm pitch Housing

Reference Informations:

*Material:Nylon 66,UL94V-0

*Suitable CJT A2505-T series Terminal

*Mates with CJT A2505WV,WR,WVT-XP series Wafer

*Color:Beige

Ordering Information:

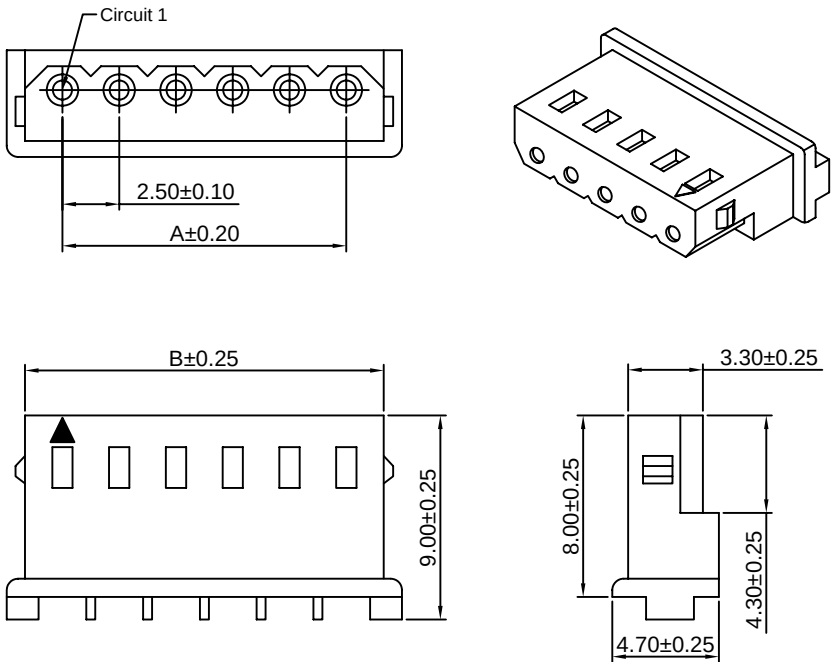
A2505H-XP - ***
1 2

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	2.50	5.80
3P	5.00	8.30
4P	7.50	10.80
5P	10.00	13.30
6P	12.50	15.80
7P	15.00	18.30
8P	17.50	20.80
9P	20.00	23.30
10P	22.50	25.80
11P	25.00	28.30
12P	27.50	30.80
13P	30.00	33.30
14P	32.50	35.80
15P	35.00	38.30
16P	37.50	40.80
17P	40.00	43.30
18P	42.50	45.80
19P	45.00	48.30
20P	47.50	50.80

Unit: mm



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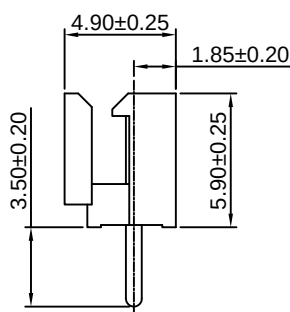
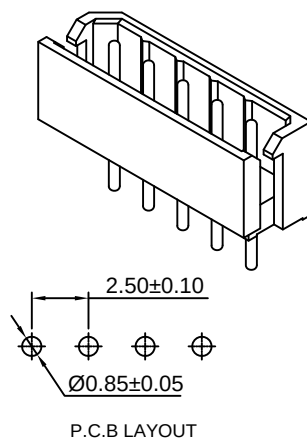
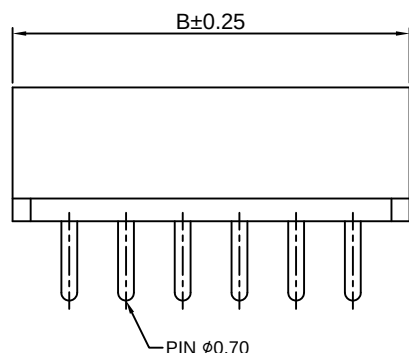
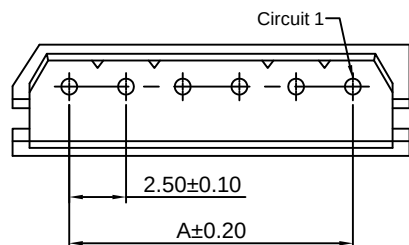
2.50mm pitch wire to board connector

A2505WV-XP

2.50mm pitch 180° Wafer

Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 66, UL94V-0
- *Mates with CJT A2505H-XP series Housing
- *Color: Beige



Ordering Information:

A2505WV-XP - *** - **
1 2 3

- Part No.
- Material:
(Blank): Nylon 66, UL94V-0
46: Nylon 46, UL94V-0
LCP: Nylon LCP, UL94V-0
GWT: Nylon 66, 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	7.50
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
16P	37.50	42.50
17P	40.00	45.00
18P	42.50	47.50
19P	45.00	50.00
20P	47.50	52.50

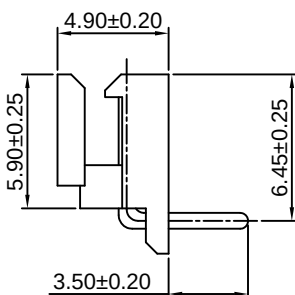
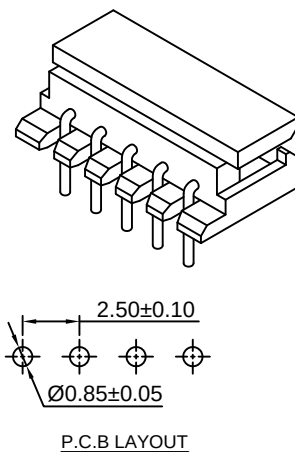
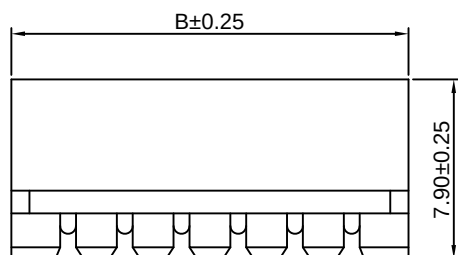
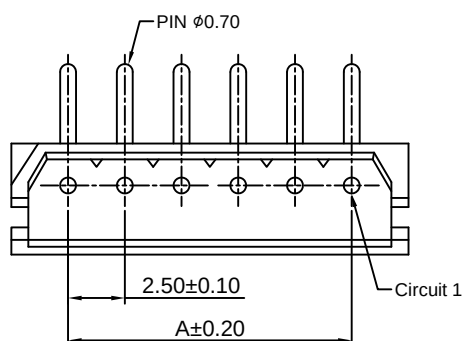
Unit: mm

A2505WR-XP

2.50mm pitch 90° Wafer

Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 66, UL94V-0
- *Mates with CJT A2505H-XP series Housing
- *Color: Beige



Ordering Information:

A2505WR-XP - *** - **
1 2 3

- Part No.
- Material:
(Blank): Nylon 66, UL94V-0
46: Nylon 46, UL94V-0
LCP: Nylon LCP, UL94V-0
GWT: Nylon 66, 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	7.50
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
16P	37.50	42.50
17P	40.00	45.00
18P	42.50	47.50
19P	45.00	50.00
20P	47.50	52.50

Unit: mm



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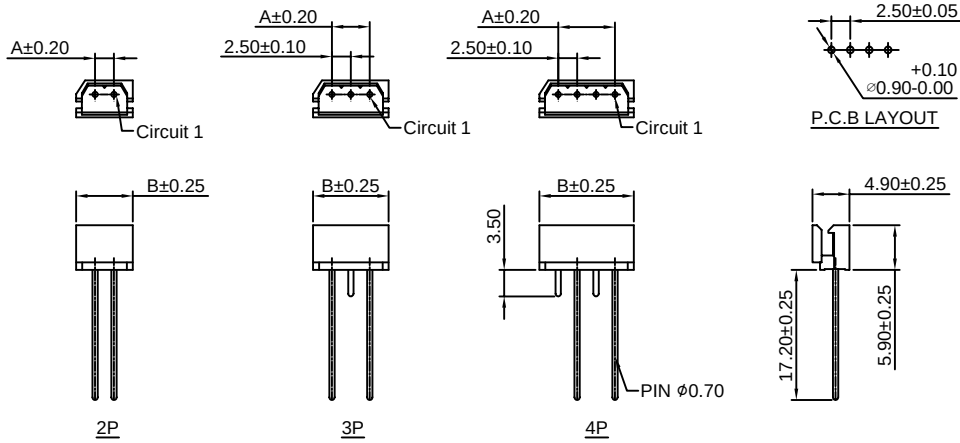
2.50mm pitch wire to board connector

A2505WVT-XP

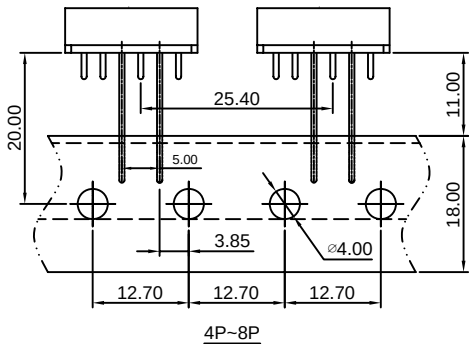
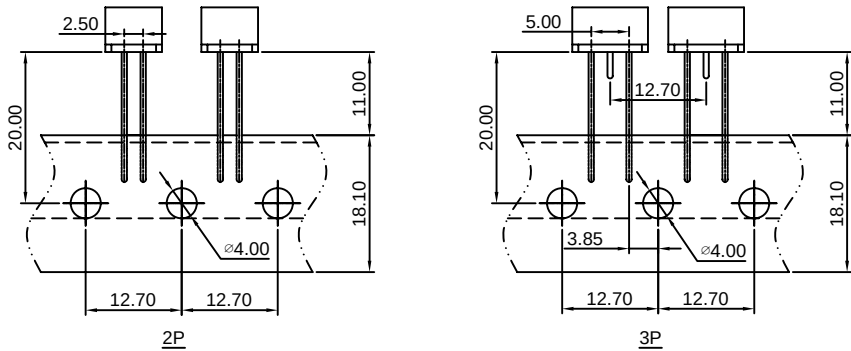
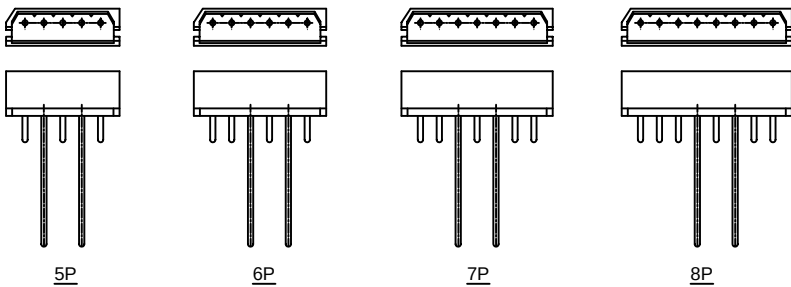
2.50mm pitch 180° Wafer

Reference Informations:

- *Material:Pin:Brass/Tin over Nickel
Insulator:Nylon 66,UL94V-0
- *Mates with CJT A2505H-XP series Housing
- *Color:Beige



- Ordering Information:
A2505WVT-XP - *** - **
1 2 3
- 1.Part No.
 - 2.Material:
(Blank):Nylon 66,UL94V-0
GWT:Nylon 66,UL94V-0,GWT 750℃
 - 3.Finish:
(blank):Tin over Nickel
G:Gold over Nickel



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

Unit: mm