



A2001 SERIES

2.00mm pitch wire to board connector

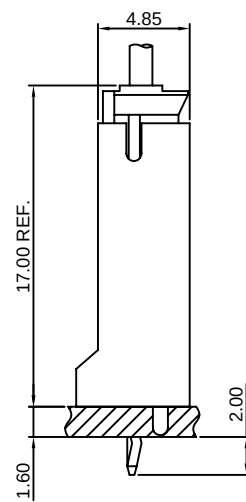
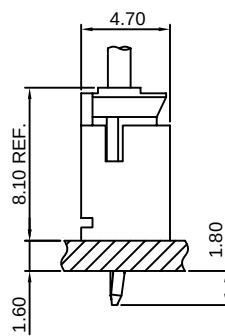
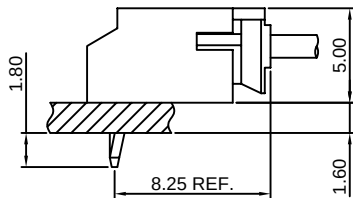
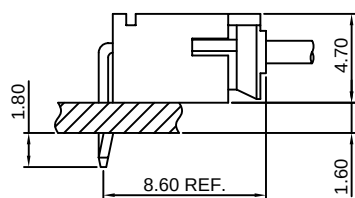
Specifications

Current rating: 2A AC, DC
 Voltage rating: 100V AC, DC
 Temperature range: -40°C ~ +105°C
 Contact resistance: 10mΩ Max.
 Insulation resistance: 1000MΩ Min.
 Withstanding voltage: 800V AC/minute
 Compliant with RoHS and REACH
 Meet the HF/Halogen Free, need to customize
 Contact CJT for details

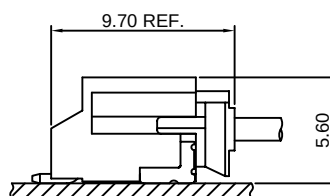
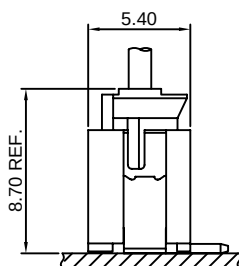
Standards



Assembly layout



DIP TYPE



SMT TYPE



A2001 SERIES

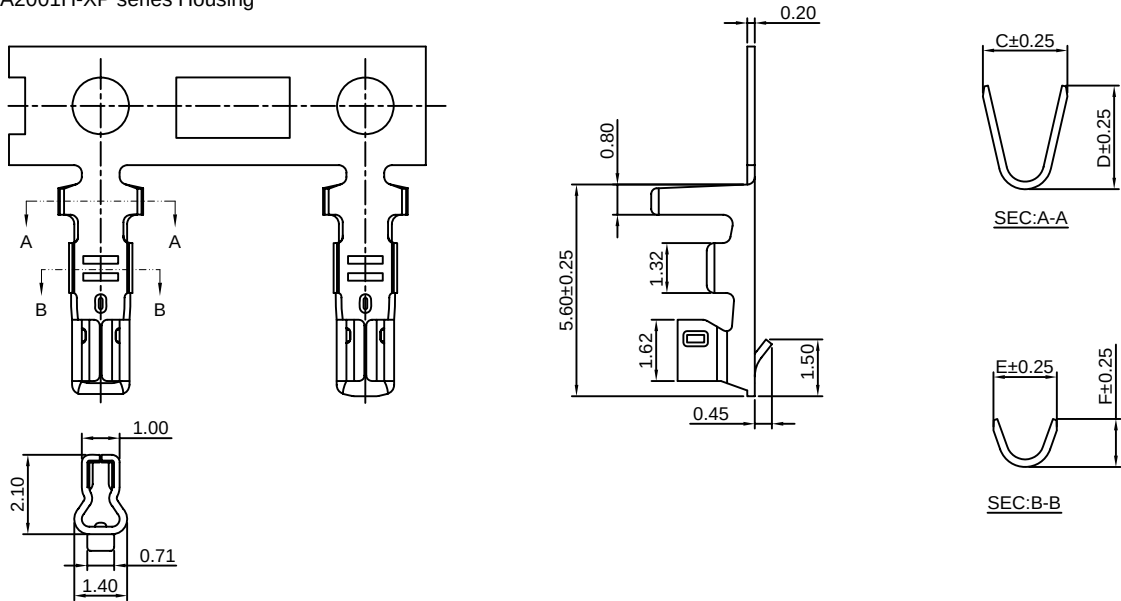
2.00mm pitch wire to board connector

A2001-T

2.00mm pitch Crimp Terminal

Reference Informations:

*Used in CJT A2001H-XP series Housing



Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	C	D	E	F	Qty/reel
A2001-TP	AWG#24-#30	1.50mm(max)	Phosphor Bronze	Tin over Nickel	2.20	2.50	1.70	1.40	10,000 PCS
A2001-GP	AWG#24-#30	1.50mm(max)	Phosphor Bronze	Gold over Nickel	2.20	2.50	1.70	1.40	10,000 PCS
A2001-TP-L	AWG#28-#32	0.90mm(max)	Phosphor Bronze	Tin over Nickel	1.55	2.10	1.15	1.15	15,000 PCS
A2001-GP-L	AWG#28-#32	0.90mm(max)	Phosphor Bronze	Gold over Nickel	1.55	2.10	1.15	1.15	15,000 PCS

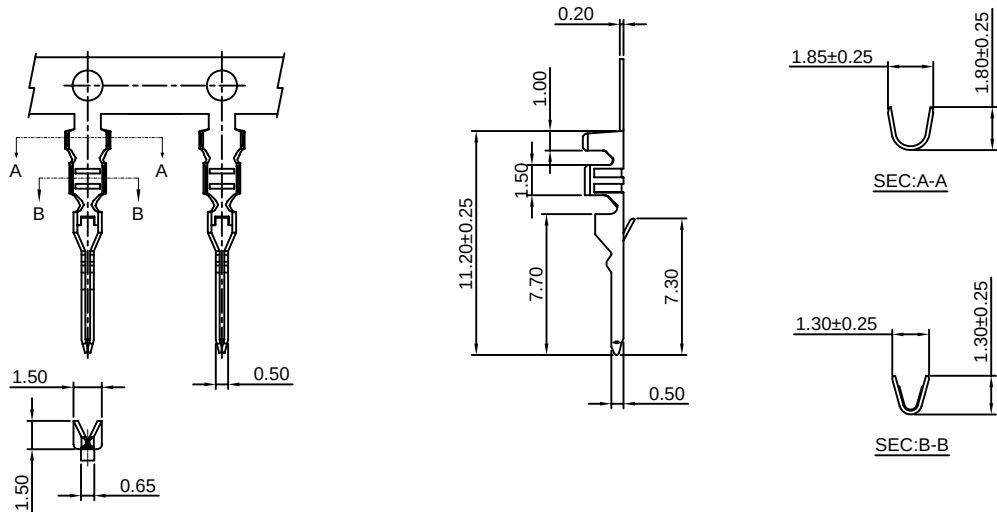
Optional Gold plating available but MOQ requested

A2001M-T

2.00mm pitch Crimp Terminal

Reference Informations:

*Used in CJT A2001HM-XP series Housing



Ordering information & Specifications:

Unit:mm

Part NO	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2001M-TP	AWG#24-#30	1.50mm(max)	Phosphor Bronze	Tin over Nickel	10,000 PCS
A2001M-TB	AWG#24-#30	1.50mm(max)	Brass	Tin over Nickel	10,000 PCS
A2001M-GP	AWG#24-#30	1.50mm(max)	Phosphor Bronze	Gold over Nickel	10,000 PCS
A2001M-GB	AWG#24-#30	1.50mm(max)	Brass	Gold over Nickel	10,000 PCS

Optional Gold plating available but MOQ requested



A2001 SERIES

2.00mm pitch wire to board connector

A2001H-XP

2.00mm pitch Housing

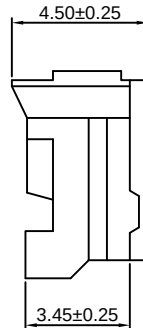
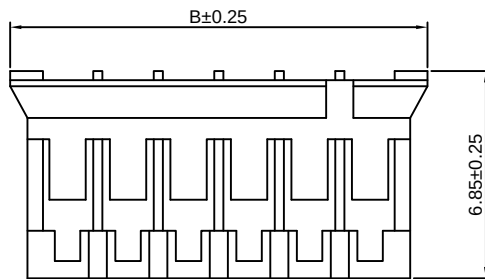
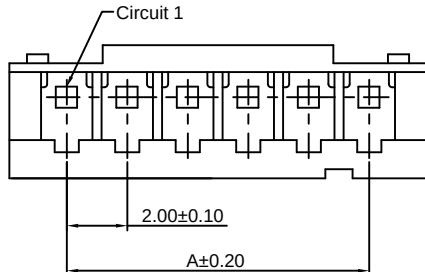
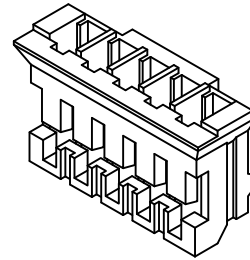
Reference Informations:

- *Material:Nylon 66,UL94V-0
- *Suitable CJT A2001-T(-L) series Terminal
- *Mates with CJT A2001HM-XP series Housing or A2001WV,WR-XP,A2001WV-S,WR-S-XP series Wafer
- *Color:White

Ordering Information:

A2001H-XP - *** - **
1 2 3

- 1.Part No.
- 2.Material:
(Blank):Nylon 66,UL94V-0
GWT:Nylon 66,UL94V-0,GWT 750 °C
- 3.Color:
(Blank):White
RD:Red
YL:Yellow
BL:Blue
BK:Black
GN:Green
TR:Tomato red
LE:Light blue
DPK:Dark pink
OR:Orange
GY:Gray
PK:Pink
BR:Brown
VI:Violet
LY:Lemon yellow
VY:Vivid yellow



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	2.00	5.80
3P	4.00	7.80
4P	6.00	9.80
5P	8.00	11.80
6P	10.00	13.80
7P	12.00	15.80
8P	14.00	17.80
9P	16.00	19.80
10P	18.00	21.80
11P	20.00	23.80
12P	22.00	25.80
13P	24.00	27.80
14P	26.00	29.80
15P	28.00	31.80
16P	30.00	33.80
17P	32.00	35.80
18P	34.00	37.80
19P	36.00	39.80
20P	38.00	41.80

Unit: mm

A2001HM-XP

2.00mm pitch Housing

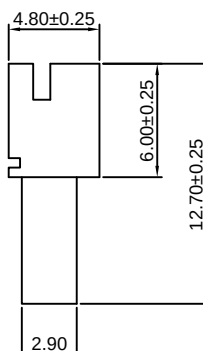
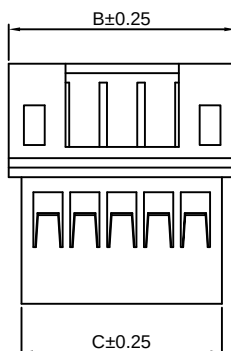
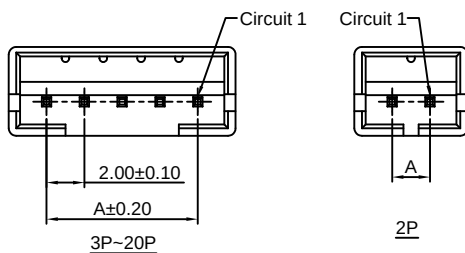
Reference Informations:

- *Material:Nylon 66,UL94V-0
- *Suitable CJT A2001M-T series Terminal
- *Mates with CJT A2001H-XP series Housing
- *Color:White

Ordering Information:

A2001HM-XP - *** - **
1 2 3

- 1.Part No.
- 2.Material:
(Blank):Nylon 66,UL94V-0
GWT:Nylon 66,UL94V-0,GWT 750 °C
- 3.Color:
(Blank):White
RD:Red
YL:Yellow
BL:Blue
BK:Black
GN:Green
OR:Orange
GY:Gray
PK:Pink
BR:Brown
VI:Violet



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
2P	2.00	6.00	4.60
3P	4.00	8.00	6.60
4P	6.00	10.00	8.60
5P	8.00	12.00	10.60
6P	10.00	14.00	12.60
7P	12.00	16.00	14.60
8P	14.00	18.00	16.60
9P	16.00	20.00	18.60
10P	18.00	22.00	20.60
11P	20.00	24.00	22.60
12P	22.00	26.00	24.60
13P	24.00	28.00	26.60
14P	26.00	30.00	28.60
15P	28.00	32.00	30.60
16P	30.00	34.00	32.60
17P	32.00	36.00	34.60
18P	34.00	38.00	36.60
19P	36.00	40.00	38.60
20P	38.00	42.00	40.60

Unit: mm



A2001 SERIES

2.00mm pitch wire to board connector

A2001WV-XP

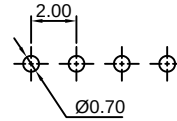
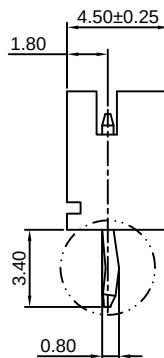
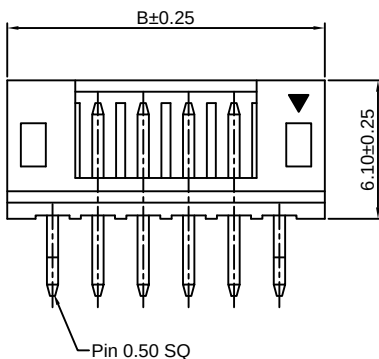
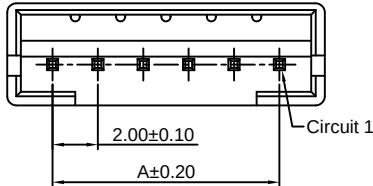
2.00mm pitch 180° Wafer

Reference Informations:

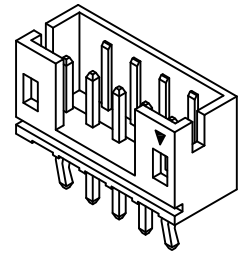
- *Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 66, UL94V-0
- *Mates with CJT A2001H-XP series Housing
- *Color: White

Ordering Information:

- A2001WV-XP - * - *** - ** - **
1 2 3 4 5
1. Part No.
 2. Style:
(blank) : Type 1
2 : Type 2
3 : Type 3
 3. Material:
(Blank): Nylon 66, UL94V-0
GWT: Nylon 66, UL94V-0, GWT 750 °C
 4. Color:
(Blank): White
RD: Red
YL: Yellow
BL: Blue
BK: Black
GN: Green
TR: Tomato red
LE: Light blue
(Blank): Tin over Nickel
G: Gold over Nickel
OR: Orange
GY: Gray
PK: Pink
BR: Brown
VI: Violet
LY: Lemon yellow
VY: Vivid yellow
 5. Finish:
(Blank): Tin over Nickel
G: Gold over Nickel



P.C.B LAYOUT



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	2.00	6.00
3P	4.00	8.00
4P	6.00	10.00
5P	8.00	12.00
6P	10.00	14.00
7P	12.00	16.00
8P	14.00	18.00
9P	16.00	20.00
10P	18.00	22.00
11P	20.00	24.00
12P	22.00	26.00
13P	24.00	28.00
14P	26.00	30.00
15P	28.00	32.00
16P	30.00	34.00
17P	32.00	36.00
18P	34.00	38.00
19P	36.00	40.00
20P	38.00	42.00

Unit: mm

A2001WR-XP

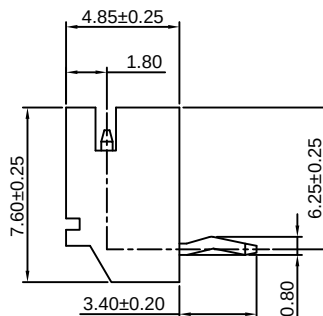
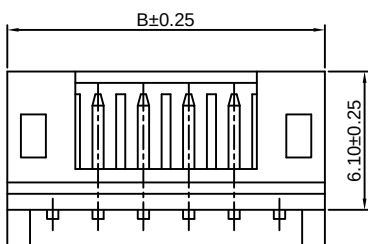
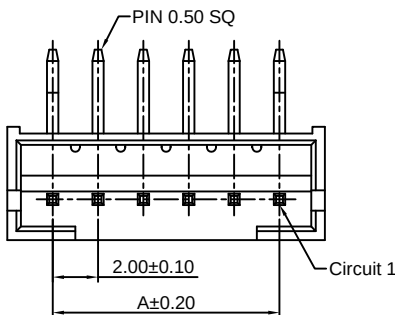
2.00mm pitch 90° Wafer

Reference Informations:

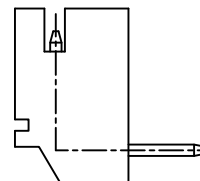
- *Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 66, UL94V-0
- *Mates with CJT A2001H-XP series Housing
- *Color: White

Ordering Information:

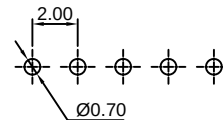
- A2001WR-XP - * - *** - ** - **
1 2 3 4 5
1. Part No.
 2. Style:
(blank) : Type 1
2 : Type 2
 3. Material:
(Blank): Nylon 66, UL94V-0
GWT: Nylon 66, UL94V-0, GWT 750 °C
 4. Color:
(Blank): White
RD: Red
YL: Yellow
BL: Blue
BK: Black
GN: Green
TR: Tomato red
LE: Light blue
(Blank): Tin over Nickel
G: Gold over Nickel
OR: Orange
GY: Gray
PK: Pink
BR: Brown
VI: Violet
LY: Lemon yellow
VY: Vivid yellow
 5. Finish:
(Blank): Tin over Nickel
G: Gold over Nickel



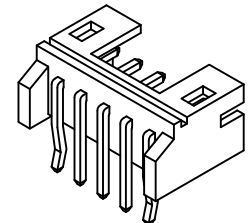
TYPE 1



TYPE 2



P.C.B LAYOUT



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	2.00	6.00
3P	4.00	8.00
4P	6.00	10.00
5P	8.00	12.00
6P	10.00	14.00
7P	12.00	16.00
8P	14.00	18.00
9P	16.00	20.00
10P	18.00	22.00
11P	20.00	24.00
12P	22.00	26.00
13P	24.00	28.00
14P	26.00	30.00
15P	28.00	32.00
16P	30.00	34.00
17P	32.00	36.00
18P	34.00	38.00
19P	36.00	40.00
20P	38.00	42.00

Unit: mm



A2001 SERIES

2.00mm pitch wire to board connector

A2001WV-S-XP

2.00mm pitch 180° Wafer-SMT TYPE

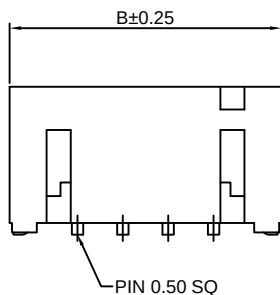
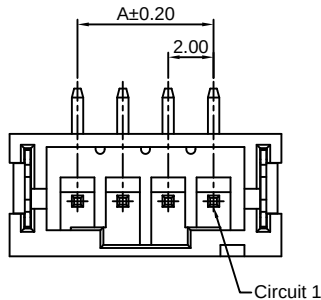
Reference Informations:

*Material:Pin:Brass/Tin over Nickel

Insulator:Nylon 6T,UL94V-0

*Mates with CJT A2001H-XP series Housing

*Color:Ivory



Ordering Information:

A2001WV-S-XP - *** - ** - **
1 2 3 4

1.Part No.

2.Material:

(Blank):Nylon 6T,UL94V-0

GWT:Nylon 6T,UL94V-0,GWT 750℃

3.Color:

(Blank):Ivory

RD:Red

BL:Blue

BK:Black

GN:Green

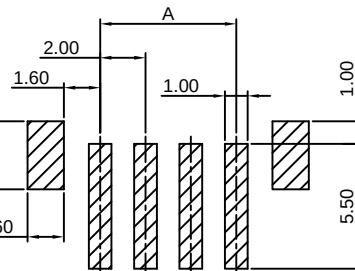
LY:Lemon yellow

DPK:Dark pink

4.Finish:

(Blank):Tin over Nickel

G:Gold over Nickel



P.C.B LAYOUT

Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	2.00	8.00
3P	4.00	10.00
4P	6.00	12.00
5P	8.00	14.00
6P	10.00	16.00
7P	12.00	18.00
8P	14.00	20.00
9P	16.00	22.00
10P	18.00	24.00
11P	20.00	26.00
12P	22.00	28.00
13P	24.00	30.00
14P	26.00	32.00
15P	28.00	34.00
16P	30.00	36.00
17P	32.00	38.00
18P	34.00	40.00
19P	36.00	42.00
20P	38.00	44.00

Unit: mm

A2001WR-S-XP

2.00mm pitch 90° Wafer-SMT TYPE

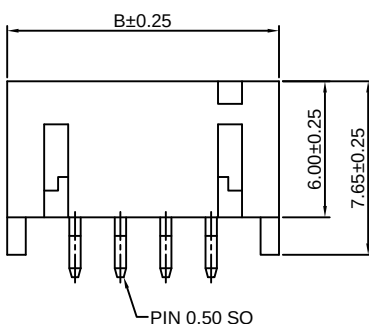
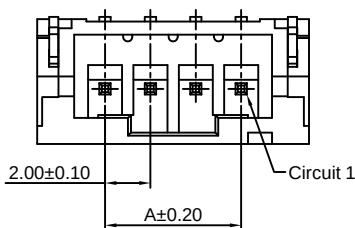
Reference Informations:

*Material:Pin:Brass/Tin over Nickel

Insulator:Nylon 6T,UL94V-0

*Mates with CJT A2001H-XP series Housing

*Color:Ivory



Ordering Information:

A2001WR-S-XP - *** - ** - **
1 2 3 4

1.Part No.

2.Material:

(Blank):Nylon 6T,UL94V-0

GWT:Nylon 6T,UL94V-0,GWT 750℃

3.Color:

(Blank):Ivory

RD:Red

BL:Blue

BK:Black

GN:Green

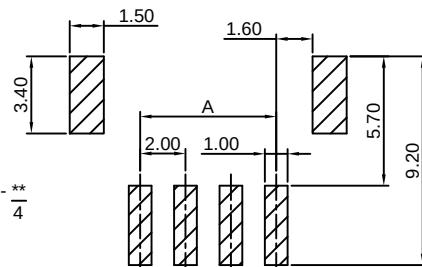
LY:Lemon yellow

DPK:Dark pink

4.Finish:

(Blank):Tin over Nickel

G:Gold over Nickel



P.C.B LAYOUT

Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	2.00	8.00
3P	4.00	10.00
4P	6.00	12.00
5P	8.00	14.00
6P	10.00	16.00
7P	12.00	18.00
8P	14.00	20.00
9P	16.00	22.00
10P	18.00	24.00
11P	20.00	26.00
12P	22.00	28.00
13P	24.00	30.00
14P	26.00	32.00
15P	28.00	34.00
16P	30.00	36.00
17P	32.00	38.00
18P	34.00	40.00
19P	36.00	42.00
20P	38.00	44.00

Unit: mm



A2001 SERIES

2.00mm pitch wire to board connector

A2001WVR-XP

2.00mm pitch 90° Wafer

Reference Informations:

*Material:Pin:Brass/Tin over Nickel

Insulator:Nylon 66,UL94V-0

*Mates with CJT A2001H-XP series Housing

*Color:White

Ordering Information:

A2001WVR-XP - * - *** - ** - **
1 2 3 4 5

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.Color:

(Blank):White

RD:Red

OR:Orange

YL:Yellow

GY:Gray

BL:Blue

PK:Pink

BK:Black

BR:Brown

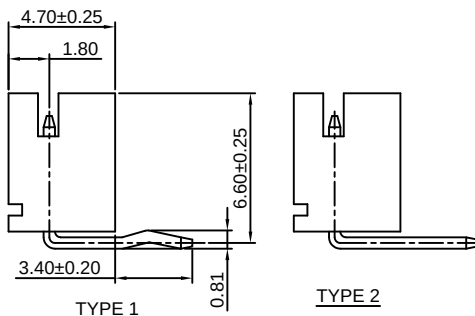
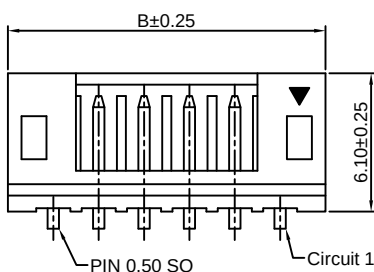
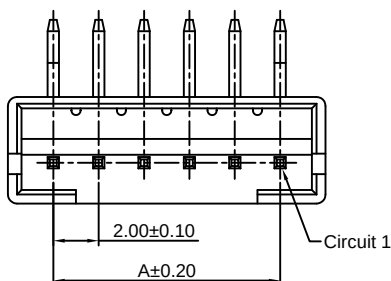
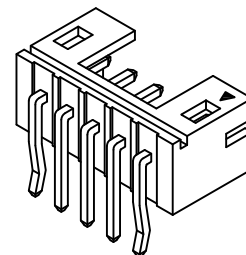
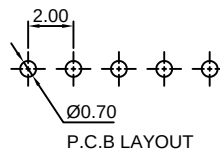
GN:Green

VI:Violet

5.Finish:

(Blank):Tin over Nickel

G:Gold over Nickel



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	2.00	6.00
3P	4.00	8.00
4P	6.00	10.00
5P	8.00	12.00
6P	10.00	14.00
7P	12.00	16.00
8P	14.00	18.00
9P	16.00	20.00
10P	18.00	22.00
11P	20.00	24.00
12P	22.00	26.00
13P	24.00	28.00
14P	26.00	30.00
15P	28.00	32.00
16P	30.00	34.00
17P	32.00	36.00
18P	34.00	38.00
19P	36.00	40.00
20P	38.00	42.00

Unit: mm

A2001WV-F-XP-H

2.00mm pitch 180° Wafer-High box type

Reference Informations:

*Material:Pin:Brass/Tin over Nickel

Insulator:Nylon 6T,UL94V-0

*Mates with CJT A2001H-XP series Housing

*Color:White

Ordering Information:

A2001WV-F-XP-H - *** - ** - **
1 2 3 4

1.Part No.

2.Material:

(Blank):Nylon 6T,UL94V-0

GWT:Nylon 6T,UL94V-0,GWT 750°C

3.Color:

(Blank):White

RD:Red

YL:Yellow

BL:Blue

BK:Black

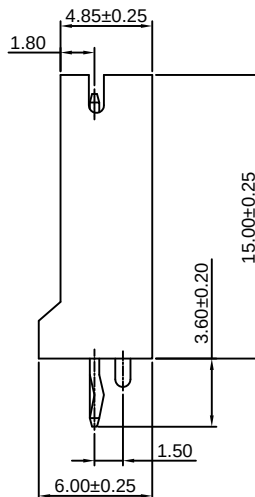
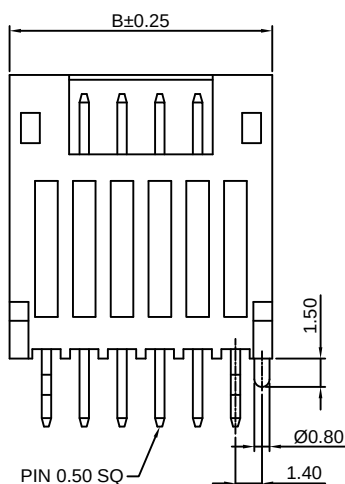
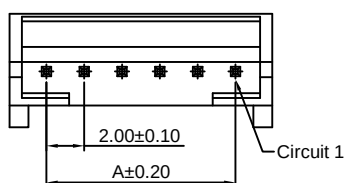
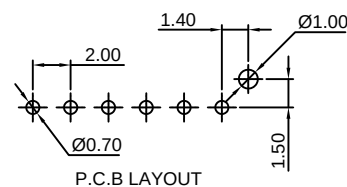
BR:Brown

GN:Green

4.Finish:

(Blank):Tin over Nickel

G:Gold over Nickel



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	2.00	6.00
3P	4.00	8.00
4P	6.00	10.00
5P	8.00	12.00
6P	10.00	14.00
7P	12.00	16.00
8P	14.00	18.00
9P	16.00	20.00
10P	18.00	22.00
11P	20.00	24.00
12P	22.00	26.00
13P	24.00	28.00
14P	26.00	30.00
15P	28.00	32.00
16P	30.00	34.00
17P	32.00	36.00
18P	34.00	38.00
19P	36.00	40.00
20P	38.00	42.00

Unit: mm