



A1501 SERIES

1.50mm pitch wire to board and wire to wire connector

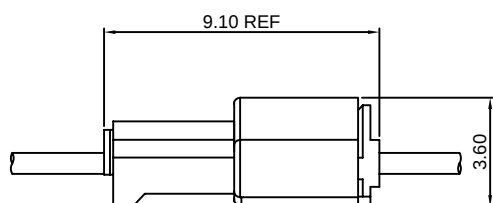
Specifications

Current rating:1A AC,DC
Voltage rating:100V AC,DC
Temperature range:-40°C~+105°C
Contact resistance:20mΩMax.
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

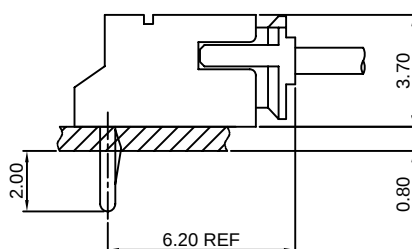
Standards



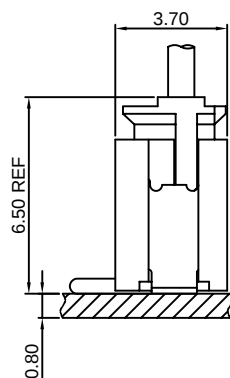
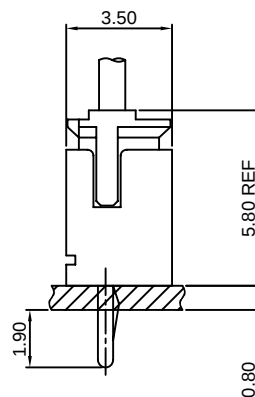
Assembly layout



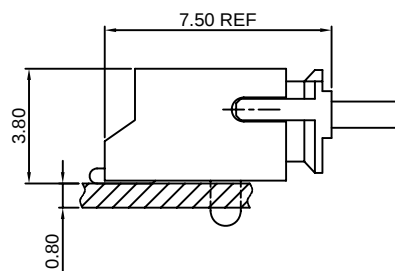
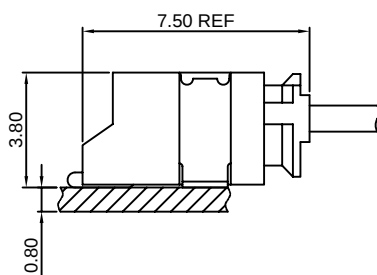
wire to wire



DIP TYPE



SMT TYPE





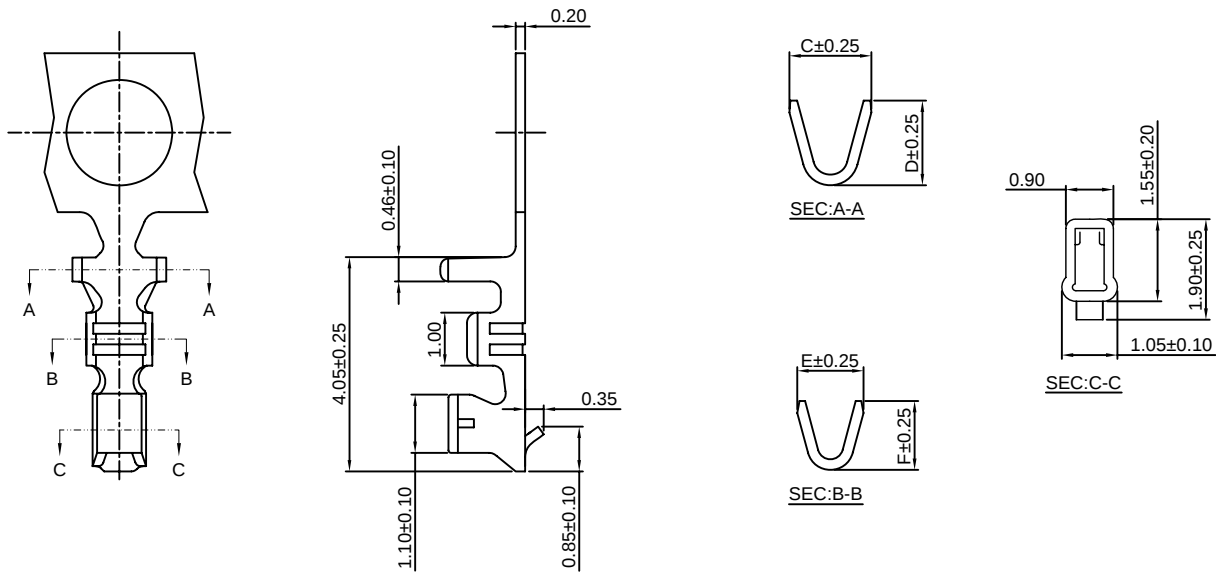
A1501 SERIES 1.50mm pitch wire to board and wire to wire connector

A1501-T

1.50mm pitch Crimp Terminal

Reference Informations:

*Used in CJT A1501H-XP series Housing



Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	C	D	E	F	Qty/reel
A1501-TP	AWG#26-#32	1.10mm(max)	Phosphor Bronze	Tin over Nickel	1.55	1.60	1.25	1.30	10,000 PCS
A1501-GP	AWG#26-#32	1.10mm(max)	Phosphor Bronze	Gold over Nickel	1.55	1.60	1.25	1.30	10,000 PCS
A1501-TP-H	AWG#24-#30	1.50mm(max)	Phosphor Bronze	Tin over Nickel	1.80	1.85	1.25	1.30	15,000 PCS
A1501-GP-H	AWG#24-#30	1.50mm(max)	Phosphor Bronze	Gold over Nickel	1.80	1.85	1.25	1.30	15,000 PCS

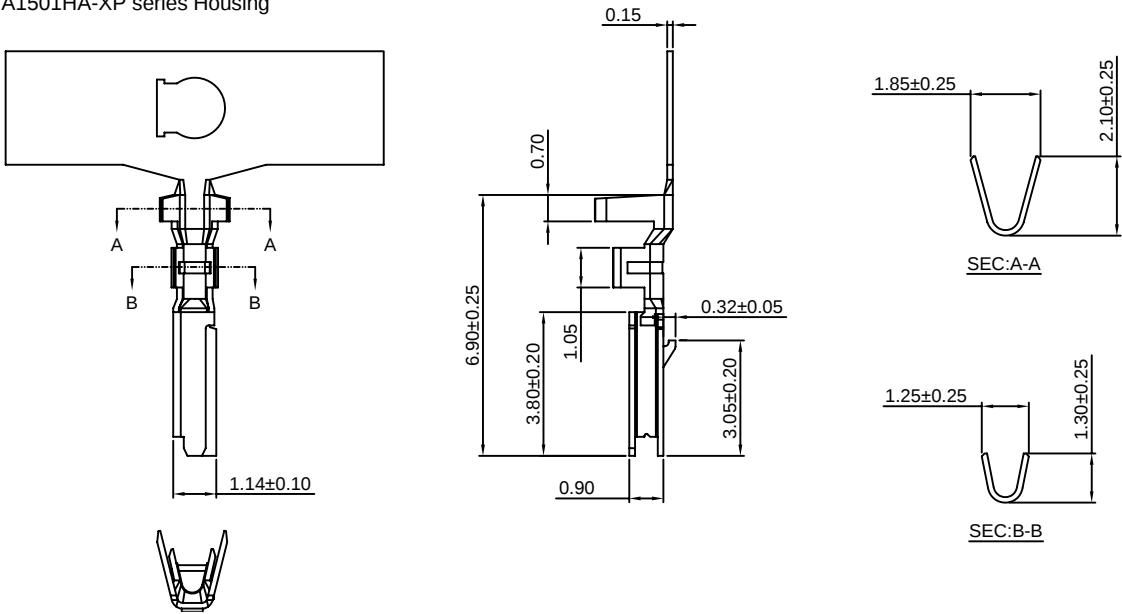
Optional Gold plating available but MOQ requested

A1501-T-A

1.50mm pitch Crimp Terminal

Reference Informations:

*Used in CJT A1501HA-XP series Housing



Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A1501-TP-A	AWG#24-#28	1.28mm(max)	Phosphor Bronze	Tin over Nickel	10,000 PCS
A1501-GP-A	AWG#24-#28	1.28mm(max)	Phosphor Bronze	Gold over Nickel	10,000 PCS

Optional Gold plating available but MOQ requested



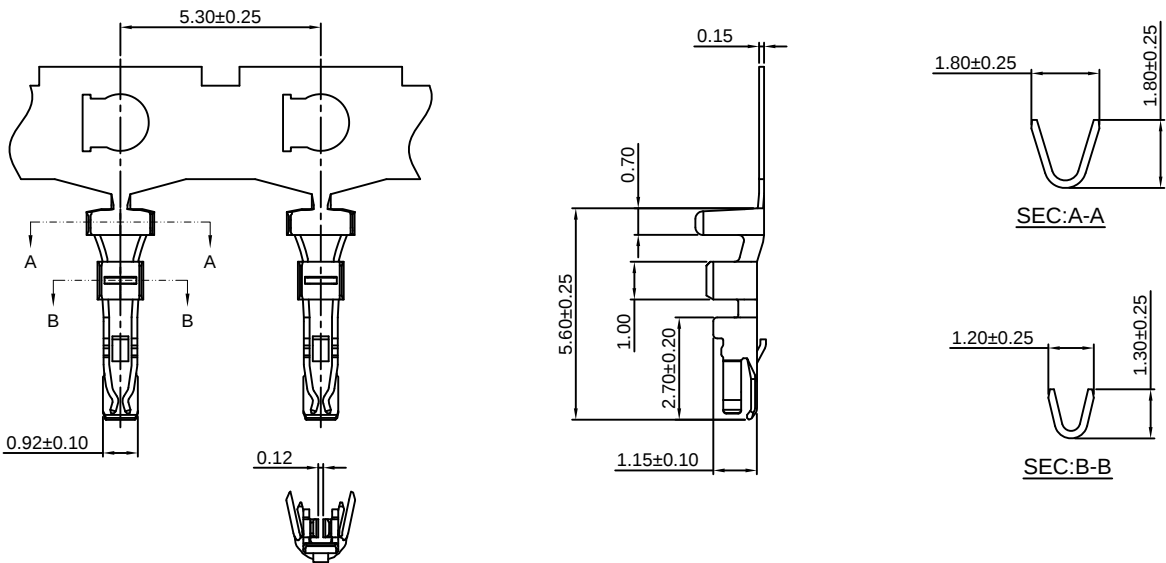
A1501 SERIES 1.50mm pitch wire to board and wire to wire connector

A1501-T-B

1.50mm pitch Crimp Terminal

Reference Informations:

*Used in CJT A1501HB-XP series Housing



Ordering information & Specifications:

Unit:mm

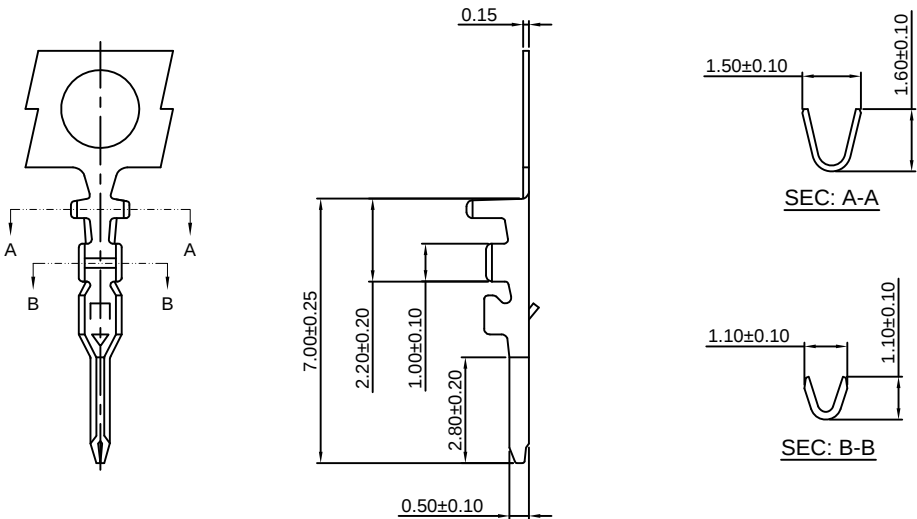
Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A1501-GP-B	AWG#28-#32	1.10mm(max)	Phosphor Bronze	Gold over Nickel	10,000 PCS

A1501M-T

1.50mm pitch Crimp Terminal

Reference Informations:

*Used in CJT A1501HM-XP series Housing



Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A1501M-TP	AWG#28-#32	0.90mm(max)	Phosphor Bronze	Tin over Nickel	15,000 PCS
A1501M-GP	AWG#28-#32	0.90mm(max)	Phosphor Bronze	Gold over Nickel	15,000 PCS

Optional Gold plating available but MOQ requested



A1501 SERIES 1.50mm pitch wire to board and wire to wire connector

A1501H-XP

1.50mm pitch Housing

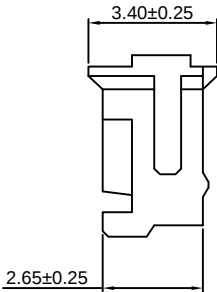
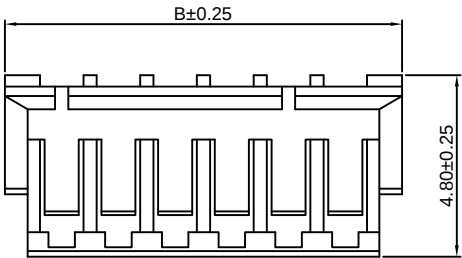
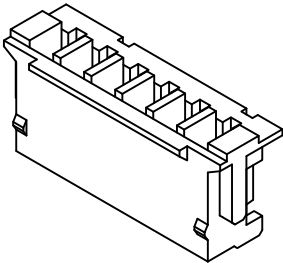
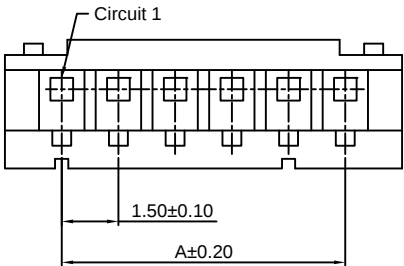
Reference Informations:

- *Material:Nylon 66,UL94V-0
- *Suitable CJT A1501-T(H) series Terminal
- *Mates with CJT A1501HM-XP series Housing and A1501WV,WR,WV-S,WR-S-XP series Wafer
- *Color:White

Ordering Information:

A1501H-XP - *** - ***
1 2 3

- 1.Part No.
2.Material:
(Blank):Nylon 66,UL94V-0
GWT:Nylon 66,UL94V-0 GWT 750℃
3.Color:
(Blank):White
BK:Black GY:Gray
RD:Red LE:Light blue
BL:Blue LY:Lemon yellow
GN:Green DO:Dark orange



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	1.50	4.50
3P	3.00	6.00
4P	4.50	7.50
5P	6.00	9.00
6P	7.50	10.50
7P	9.00	12.00
8P	10.50	13.50
9P	12.00	15.00
10P	13.50	16.50
11P	15.00	18.00
12P	16.50	19.50
13P	18.00	21.00
15P	21.00	24.00

Unit: mm

A1501HA-XP

1.50mm pitch Housing

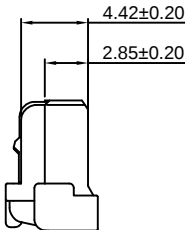
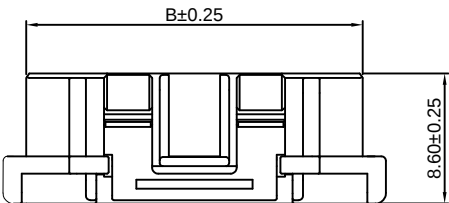
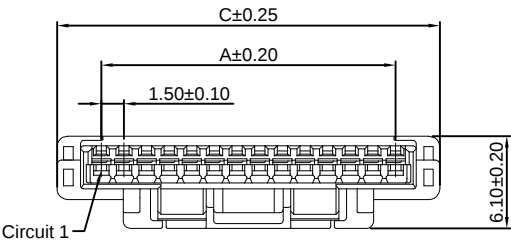
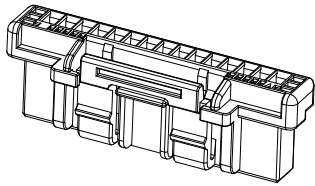
Reference Informations:

- *Material:PBT,UL94V-0
- *Suitable CJT A1501-T-A series Terminal
- *Mates with CJT A1501WVA-S,WRA-S-XP series Wafer
- *Color:Beige

Ordering Information:

A1501HA-XP - ***
1 2

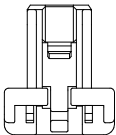
- 1.Part No.
2.Material:
(Blank):PBT,UL94V-0
GWT:PBT,UL94V-0 GWT 750℃



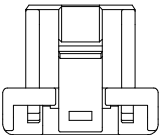
Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
2P	1.50	4.25	7.30
3P	3.00	5.75	8.80
4P	4.50	7.25	10.30
5P	6.00	8.75	11.80
6P	7.50	10.25	13.30
7P	9.00	11.75	14.80
8P	10.50	13.25	16.30
9P	12.00	14.75	17.80
10P	13.50	16.25	19.30
11P	15.00	17.75	20.80
12P	16.50	19.25	22.30
13P	18.00	20.75	23.80
14P	19.50	22.25	25.30
15P	21.00	23.75	26.80

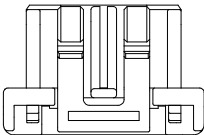
Unit: mm



2P,3P



4P,5P



6P~15P

CJTconn **A1501 SERIES** 1.50mm pitch wire to board and wire to wire connector

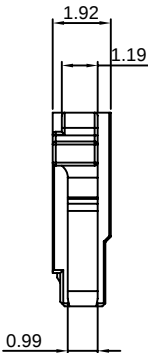
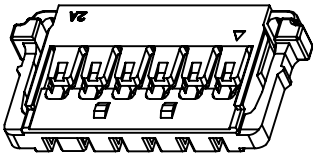
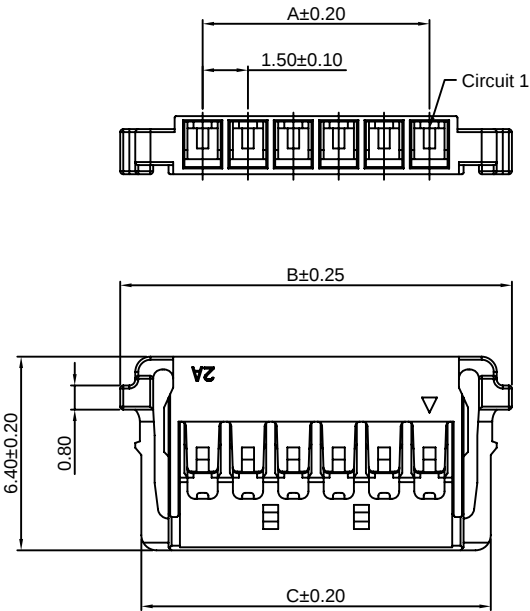
A1501HB-XP ——— 1.50mm pitch Housing

Reference Informations:

- *Material:Nylon 66,UL94V-0
- *Suitable CJT A1501-T-B series Terminal
- *Mates with CJT A1501WRB-S-XP series Wafer
- *Color:Black

Ordering Information:

- A1501HB-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	1.50	6.95	5.55
3P	3.00	8.45	7.05
4P	4.50	9.95	8.55
5P	6.00	11.45	10.05
6P	7.50	12.95	11.55
7P	9.00	14.45	13.05
8P	10.50	15.95	14.55
9P	12.00	17.45	16.05
10P	13.50	18.95	17.55
11P	15.00	20.45	19.05
12P	16.50	21.95	20.55

Unit: mm

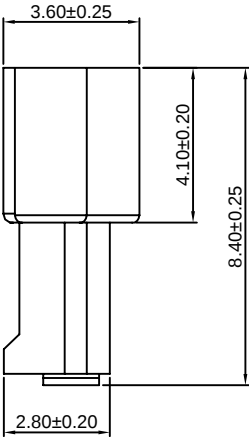
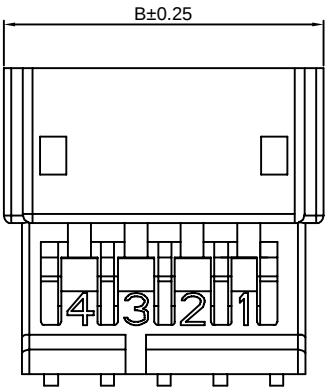
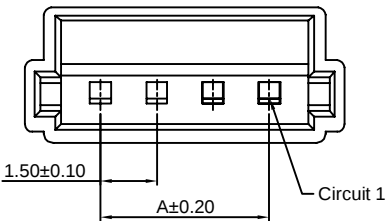
A1501HM-XP ——— 1.50mm pitch Housing

Reference Informations:

- *Material:Nylon 66,UL94V-0
- *Suitable CJT A1501M-T series Terminal
- *Mates with CJT A1501H-XP series Housing
- *Color:White

Ordering Information:

- A1501HM-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	1.50	5.55
3P	3.00	7.05
4P	4.50	8.55
5P	6.00	10.05
6P	7.50	11.55
7P	9.00	13.05
8P	10.50	14.55
9P	12.00	16.05
10P	13.50	17.55
11P	15.00	19.05
12P	16.50	20.55
13P	18.00	22.05

Unit: mm



A1501 SERIES 1.50mm pitch wire to board and wire to wire connector

A1501WV-XP

1.50mm pitch 180° Wafer

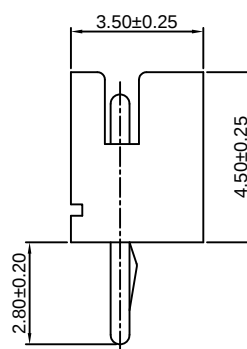
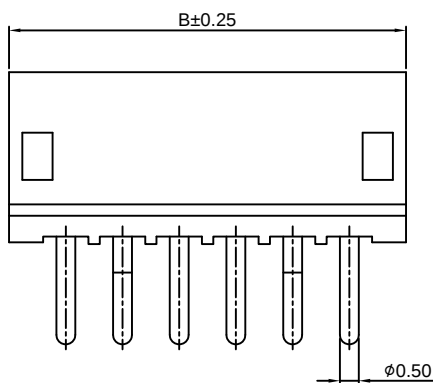
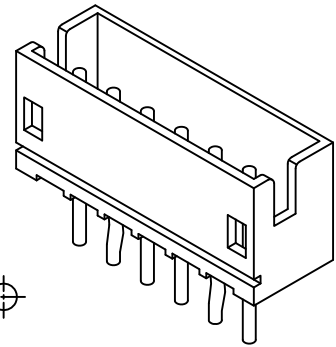
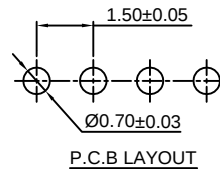
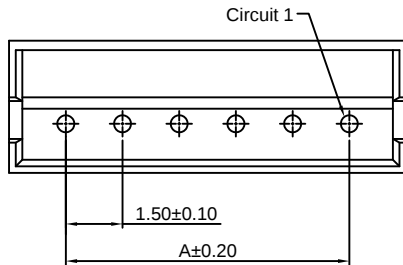
Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 66, UL94V-0
- *Mates with CJT A1501H-XP series Housing
- *Color: Ivory

Ordering Information:

A1501WV-XP - *** - ** - **
1 2 3 4

1. Part No.
2. Material:
(Blank): Nylon 66, UL94V-0
GWT: Nylon 66, UL94V-0, GWT 750°C
3. Color:
(blank): Ivory
BK: Black
RD: Red
BL: Blue
GN: Green
YL: Yellow
4. Finish:
(Blank): Tin over Nickel
G: Gold over Nickel



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	1.50	4.50
3P	3.00	6.00
4P	4.50	7.50
5P	6.00	9.00
6P	7.50	10.50
7P	9.00	12.00
8P	10.50	13.50
9P	12.00	15.00
10P	13.50	16.50
11P	15.00	18.00
12P	16.50	19.50
13P	18.00	21.00
15P	21.00	24.00

Unit: mm

A1501WR-XP

1.50mm pitch 90° Wafer

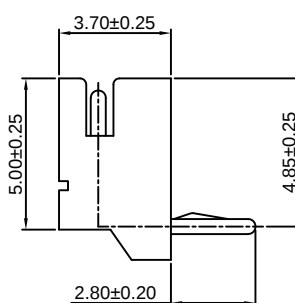
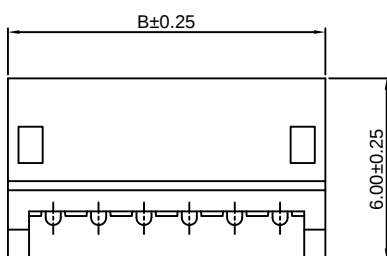
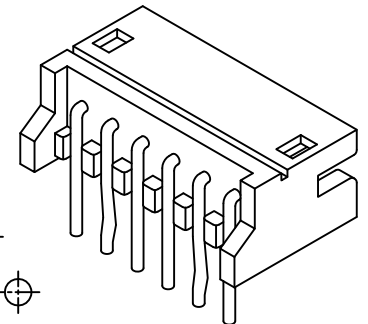
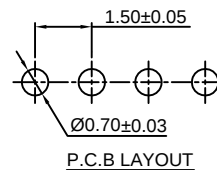
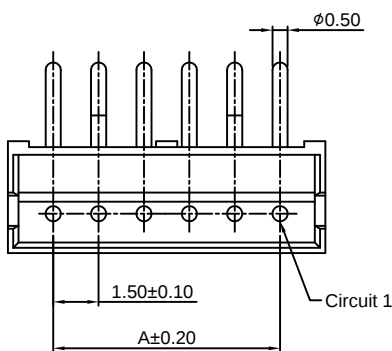
Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 66, UL94V-0
- *Mates with CJT A1501H-XP series Housing
- *Color: Ivory

Ordering Information:

A1501WR-XP - *** - ** - **
1 2 3 4

1. Part No.
2. Material:
(Blank): Nylon 66, UL94V-0
GWT: Nylon 66, UL94V-0, GWT 750°C
3. Color:
(blank): Ivory
BK: Black
RD: Red
BL: Blue
GN: Green
YL: Yellow
4. Finish:
(Blank): Tin over Nickel
G: Gold over Nickel



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	1.50	4.50
3P	3.00	6.00
4P	4.50	7.50
5P	6.00	9.00
6P	7.50	10.50
7P	9.00	12.00
8P	10.50	13.50
9P	12.00	15.00
10P	13.50	16.50
11P	15.00	18.00
12P	16.50	19.50
13P	18.00	21.00
15P	21.00	24.00

Unit: mm



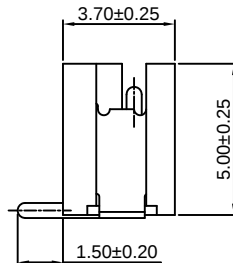
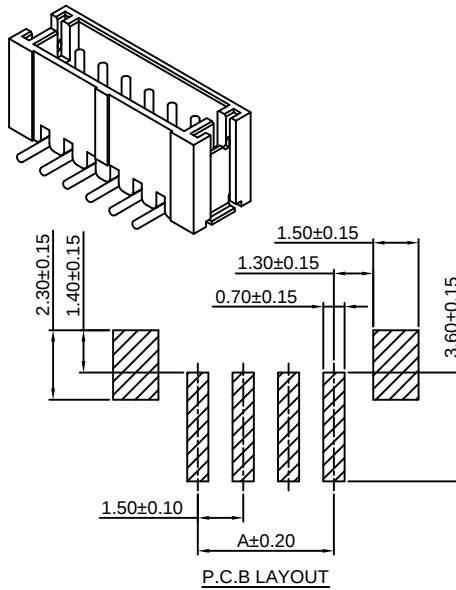
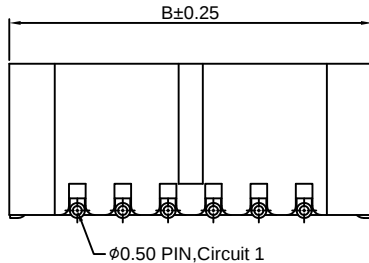
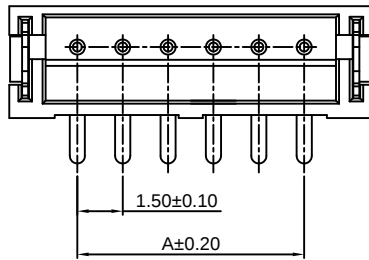
A1501 SERIES 1.50mm pitch wire to board and wire to wire connector

A1501WV-S-XP

1.50mm pitch 180° Wafer-SMT TYPE

Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Solder Tabs: Brass/Gold over Nickel
Insulator: Nylon 6T, UL94V-0
Cap: Nylon 6T, UL94V-0
- *Mates with CJT A1501H-XP series Housing
- *Color: Ivory



Ordering Information:

- A1501WV-S-XP - *** - ** - **
1 2 3 4
- Part No.
 - Material:
(Blank): Nylon 6T, UL94V-0
GWT: Nylon 6T, UL94V-0, GWT 750°C
 - Color:
(Blank): Ivory
BK: Black
RD: Red
BL: Blue
GN: Green
DH: Dark gray
LE: Light blue
LY: Lemon yellow
DO: Dark orange
 - Finish:
(Blank): Tin over Nickel
G: Gold over Nickel

Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	1.50	6.00
3P	3.00	7.50
4P	4.50	9.00
5P	6.00	10.50
6P	7.50	12.00
7P	9.00	13.50
8P	10.50	15.00
9P	12.00	16.50
10P	13.50	18.00
11P	15.00	19.50
12P	16.50	21.00
13P	18.00	22.50

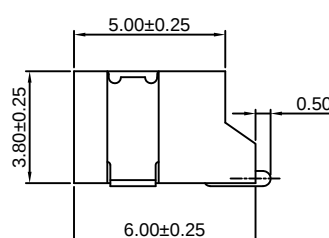
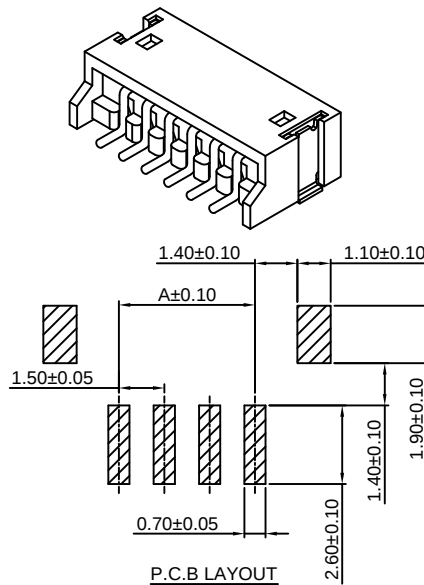
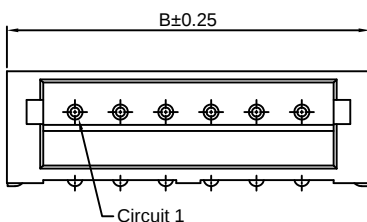
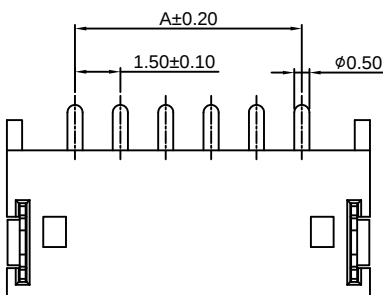
Unit: mm

A1501WR-S-XP

1.50mm pitch 90° Wafer-SMT TYPE

Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Solder Tabs: Brass/Gold over Nickel
Insulator: Nylon 6T, UL94V-0
- *Mates with CJT A1501H-XP series Housing
- *Color: Ivory



Ordering Information:

- A1501WR-S-XP - *** - ** - **
1 2 3 4
- Part No.
 - Material:
(Blank): Nylon 6T, UL94V-0
GWT: Nylon 6T, UL94V-0 GWT 750°C
 - Color:
(Blank): Ivory
BK: Black
RD: Red
BL: Blue
GN: Green
DH: Dark gray
LE: Light blue
LY: Lemon yellow
DO: Dark orange
 - Finish:
(Blank): Tin over Nickel
G: Gold over Nickel

Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	1.50	6.00
3P	3.00	7.50
4P	4.50	9.00
5P	6.00	10.50
6P	7.50	12.00
7P	9.00	13.50
8P	10.50	15.00
9P	12.00	16.50
10P	13.50	18.00
11P	15.00	19.50
12P	16.50	21.00
13P	18.00	22.50

Unit: mm



A1501 SERIES 1.50mm pitch wire to board and wire to wire connector

A1501WR-S-XP-A

1.50mm pitch 90° Wafer DIP SMT TYPE

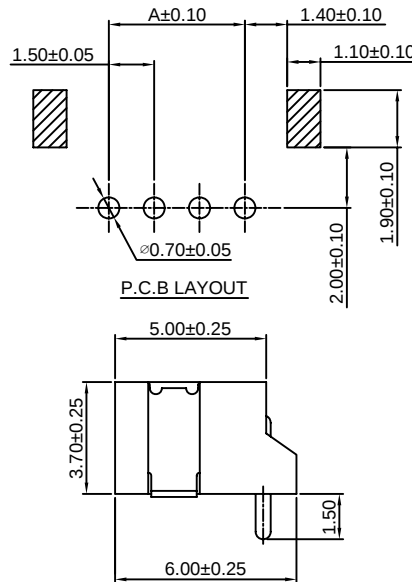
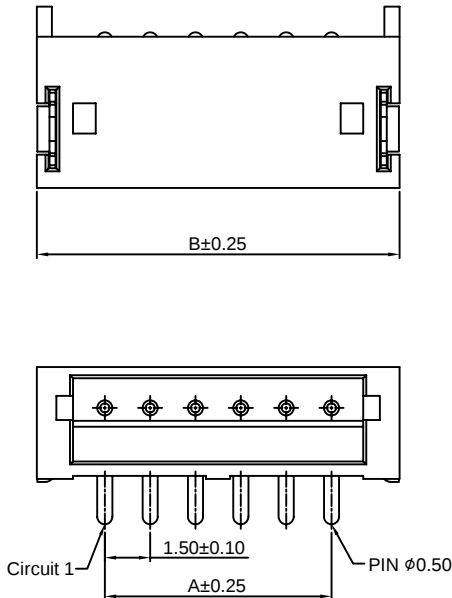
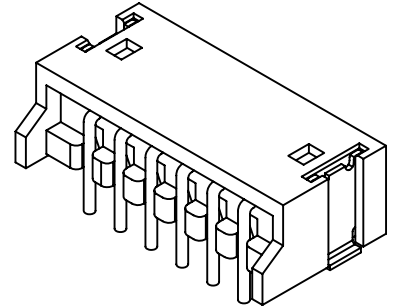
Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Solder Tabs: Brass/Gold over Nickel
Insulator: Nylon 6T, UL94V-0
- *Mates with CJT A1501H-XP series Housing
- *Color: Ivory

Ordering Information:

A1501WR-S-XP-A - *** - **
1 2 3

1. Part No.
2. Material:
(Blank): Nylon 6T, UL94V-0
GWT: Nylon 6T, UL94V-0 GWT 750°C
3. Finish:
(Blank): Tin over Nickel
G: Gold over Nickel



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	1.50	6.00
3P	3.00	7.50
4P	4.50	9.00
5P	6.00	10.50
6P	7.50	12.00
7P	9.00	13.50
8P	10.50	15.00
9P	12.00	16.50
10P	13.50	18.00
11P	15.00	19.50
12P	16.50	21.00
13P	18.00	22.50

Unit: mm

A1501WVA-S-XP

1.50mm pitch 180° Wafer-SMT TYPE

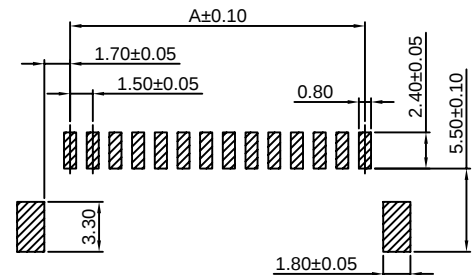
Reference Informations:

- *Material: Pin: Phosphor Bronze/Tin over Nickel
Solder Tabs: Brass/Tin over Nickel
Insulator: LCP, UL94V-0
- *Mates with CJT A1501HA-XP series Housing
- *Color: Ivory

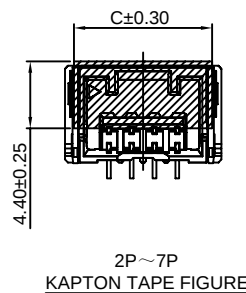
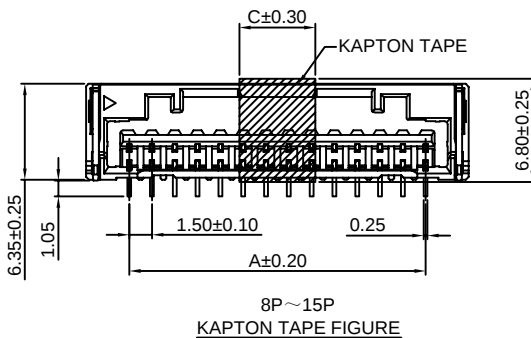
Ordering Information:

A1501WVA-S-XP - *** - **
1 2 3

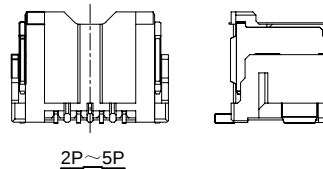
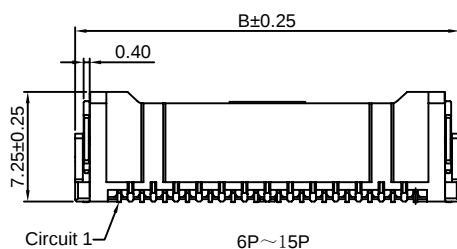
1. Part No.
2. Material:
(blank): LCP, UL94V-0
GWT: LCP, UL94V-0 GWT 750°C
3. Finish:
(Blank): Tin over Nickel
G: Gold over Nickel



P.C.B LAYOUT



2P~7P KAPTON TAPE FIGURE



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
2P	1.50	7.30	6.10
3P	3.00	8.80	7.60
4P	4.50	10.30	9.10
5P	6.00	11.80	10.60
6P	7.50	13.30	12.10
7P	9.00	14.80	13.60
8P	10.50	16.30	5.00
9P	12.00	17.80	5.00
10P	13.50	19.30	5.00
11P	15.00	20.80	5.00
12P	16.50	22.30	5.00
13P	18.00	23.80	5.00
14P	19.50	25.30	5.00
15P	21.00	26.80	5.00

Unit: mm



A1501 SERIES 1.50mm pitch wire to board and wire to wire connector

A1501WRA-S-XP

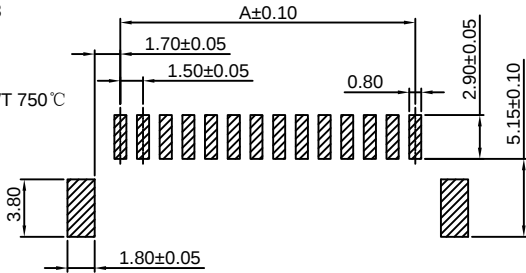
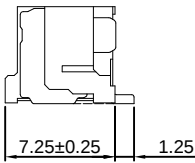
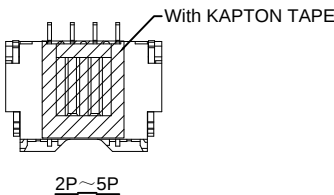
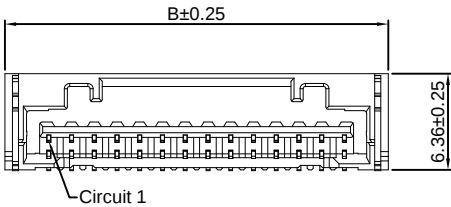
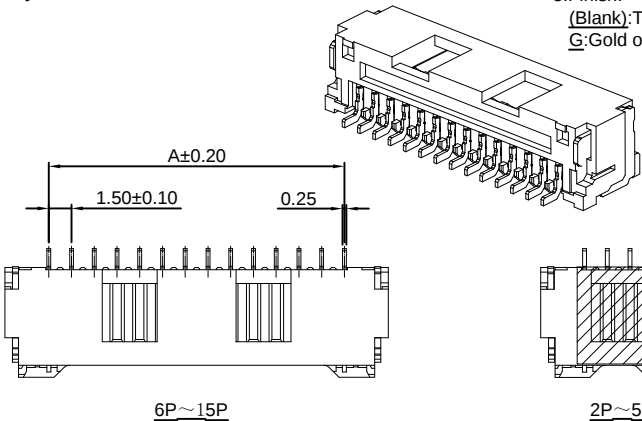
1.50mm pitch 90° Wafer-SMT TYPE

Reference Informations:

- *Material:Pin:Phosphor Bronze/Tin over Nickel
Solder Tabs: Brass/Tin over Nickel
Insulator:LCP,UL94V-0
- *Mates with CJT A1501HA-XP series Housing
- *Color:Ivory

Ordering Information:
A1501WRA-S-XP - *** - **
1 2 3

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



P.C.B LAYOUT

Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	1.50	7.30
3P	3.00	8.80
4P	4.50	10.30
5P	6.00	11.80
6P	7.50	13.30
7P	9.00	14.80
8P	10.50	16.30
9P	12.00	17.80
10P	13.50	19.30
11P	15.00	20.80
12P	16.50	22.30
13P	18.00	23.80
14P	19.50	25.30
15P	21.00	26.80

Unit: mm

A1501WRB-S-XP

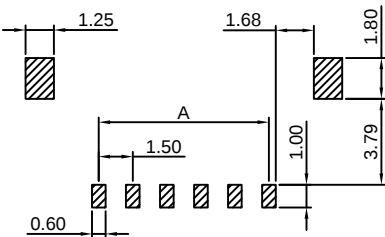
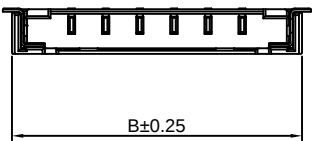
1.50mm pitch 90° Wafer-SMT TYPE

Reference Informations:

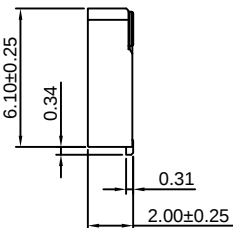
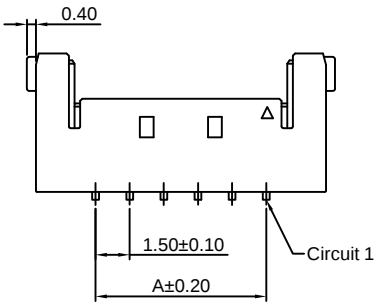
- *Material:Pin:Brass/Gold over Nickel
Insulator:Nylon 9T,UL94V-0
- *Mates with CJT A1501HB-XP series Housing
- *Color:Black

Ordering Information:
A1501WRB-S-XP - ***
1 2

- 1.Part No.
- 2.Material:
(Blank):Nylon 9T,UL94V-0
GWT:Nylon 9T,UL94V-0,GWT 750℃



P.C.B LAYOUT



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	1.50	6.75
3P	3.00	8.25
4P	4.50	9.75
5P	6.00	11.25
6P	7.50	12.75
7P	9.00	14.25
8P	10.50	15.75
9P	12.00	17.25
10P	13.50	18.75
11P	15.00	20.25
12P	16.50	21.75

Unit: mm



A1501 SERIES 1.50mm pitch wire to board and wire to wire connector

A1501WVD-S-XP

1.50mm pitch 180° Wafer-SMT TYPE

Reference Informations:

*Material:Pin:Phosphor Bronze/Tin over Nickel
Insulator:LCP,UL94V-0

*Color:Beige

Ordering Information:

A1501WVD-S-XP - *** - **
1 2 3

1.Part No.

2.Material:

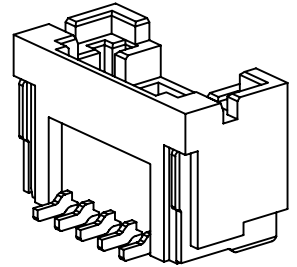
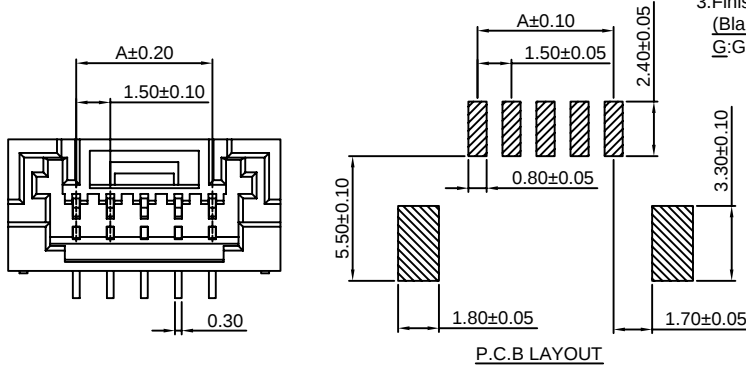
(Blank):LCP,UL94V-0

GWT:LCP,UL94V-0 GWT 750℃

3.Finish:

(Blank):Tin over Nickel

G:Gold over Nickel



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	1.50	7.50
3P	3.00	9.00
4P	4.50	10.50
5P	6.00	12.00
6P	7.50	13.50
7P	9.00	15.00
8P	10.50	16.50
9P	12.00	18.00
10P	13.50	19.50
11P	15.00	21.00
12P	16.50	22.50
13P	18.00	24.00
14P	19.50	25.50
15P	21.00	27.00
16P	22.50	28.50

Unit: mm

A1501WRD-S-XP

1.50mm pitch 90° Wafer-SMT TYPE

Reference Informations:

*Material:Pin:Phosphor Bronze/Tin over Nickel
Insulator:LCP,UL94V-0

*Color:Beige

Ordering Information:

A1501WRD-S-XP - *** - **
1 2 3

1.Part No.

2.Material:

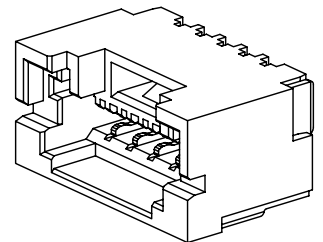
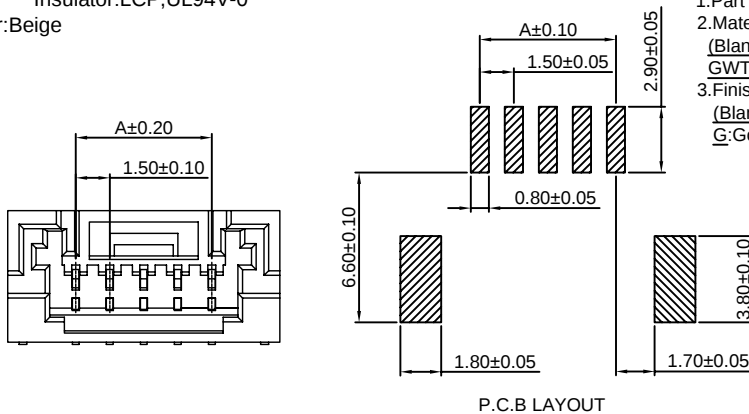
(Blank):LCP,UL94V-0

GWT:LCP,UL94V-0 GWT 750℃

3.Finish:

(Blank):Tin over Nickel

G:Gold over Nickel



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	1.50	7.50
3P	3.00	9.00
4P	4.50	10.50
5P	6.00	12.00
6P	7.50	13.50
7P	9.00	15.00
8P	10.50	16.50
9P	12.00	18.00
10P	13.50	19.50
11P	15.00	21.00
12P	16.50	22.50
13P	18.00	24.00
14P	19.50	25.50
15P	21.00	27.00
16P	22.50	28.50

Unit: mm