

CJT_{conn}**A2508 SERIES**

2.50mm pitch wire to board and wire to wire connector

Specifications

Current rating:3A 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

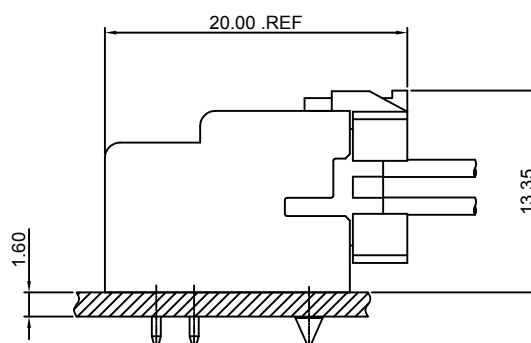
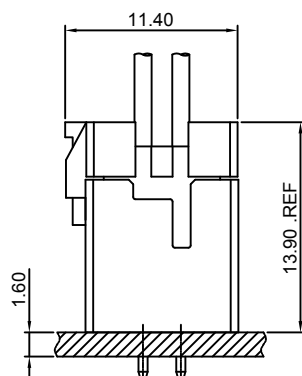
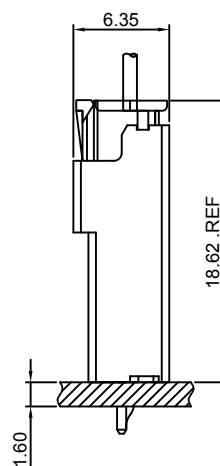
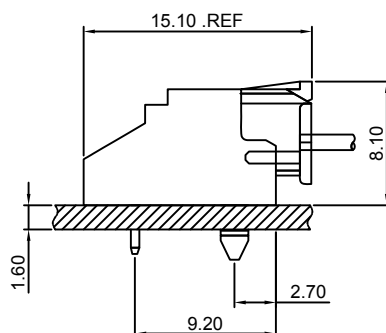
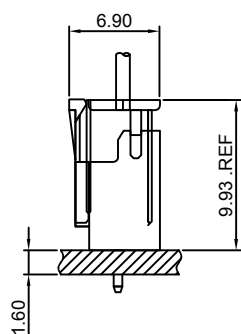


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Assembly layout





A2508 SERIES

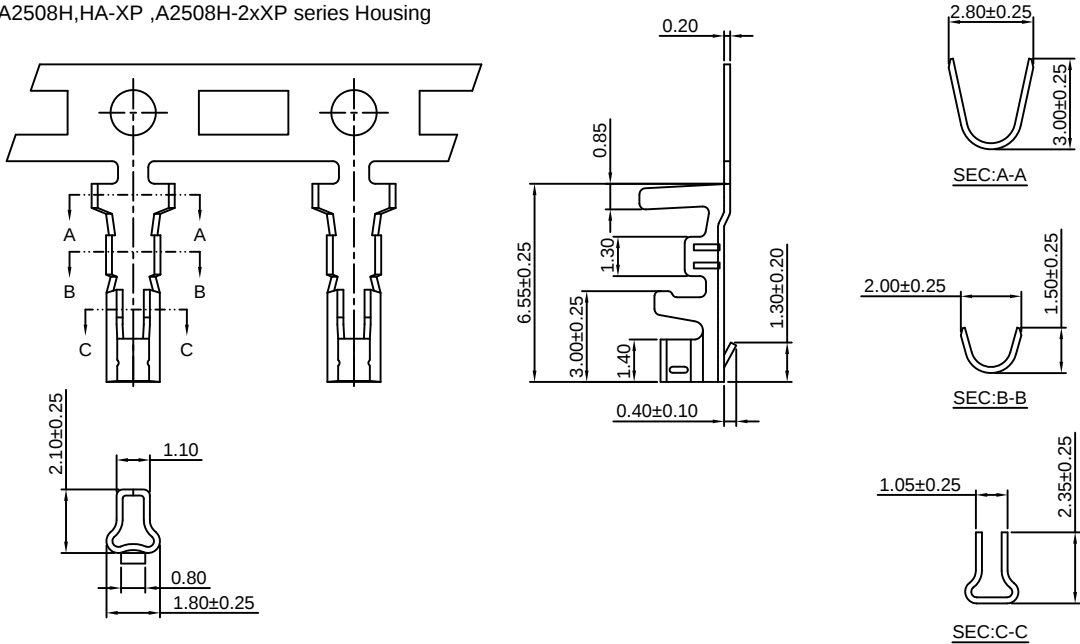
2.50mm pitch wire to board and wire to wire connector

A2508-T

2.50mm Pitch Crimp Terminal

Reference Informations:

*Used in CJT A2508H,HA-XP ,A2508H-2xXP series Housing



Ordering information & Specifications:

Unit:mm

Part NO	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2508-TP	AWG#22-#26	1.90mm(max)	Phosphor Bronze	Tin over Nickel	10,000 PCS
A2508-GP	AWG#22-#26	1.90mm(max)	Phosphor Bronze	Gold over Nickel	10,000 PCS

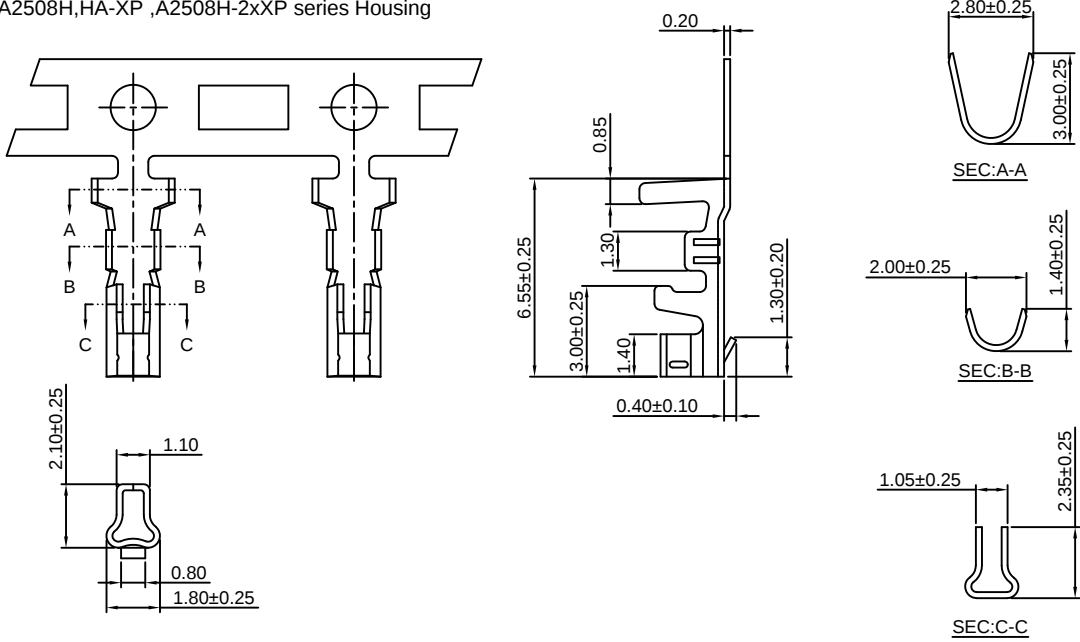
Optional Gold plating available but MOQ requested

A2508-T-L

2.50mm Pitch Crimp Terminal

Reference Informations:

*Used in CJT A2508H,HA-XP ,A2508H-2xXP series Housing



Ordering information & Specifications:

Unit:mm

Part NO	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2508-TP-L	AWG#22-#28	1.90mm(max)	Phosphor Bronze	Tin over Nickel	10,000 PCS
A2508-GP-L	AWG#22-#28	1.90mm(max)	Phosphor Bronze	Gold over Nickel	10,000 PCS

Optional Gold plating available but MOQ requested



A2508 SERIES

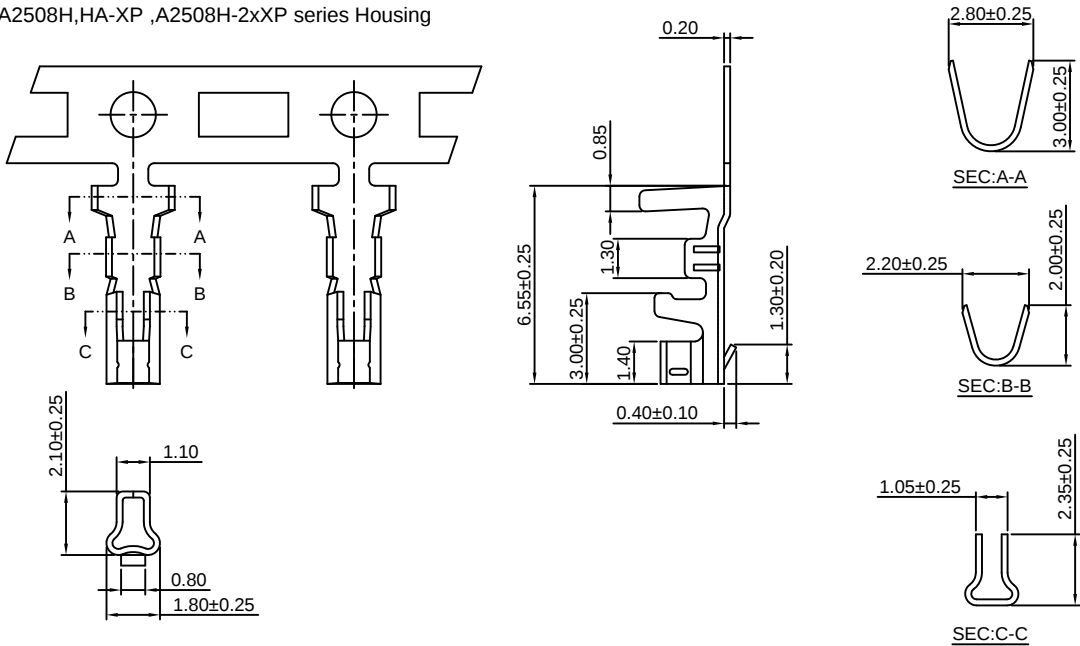
2.50mm pitch wire to board and wire to wire connector

A2508-T-H

2.50mm Pitch Crimp Terminal

Reference Informations:

*Used in CJT A2508H,HA-XP ,A2508H-2xXP series Housing



Ordering information & Specifications:

Unit:mm

Part NO	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2508-TP-H	AWG#20-#24	1.90mm(max)	Phosphor Bronze	Tin over Nickel	10,000 PCS
A2508-GP-H	AWG#20-#24	1.90mm(max)	Phosphor Bronze	Gold over Nickel	10,000 PCS

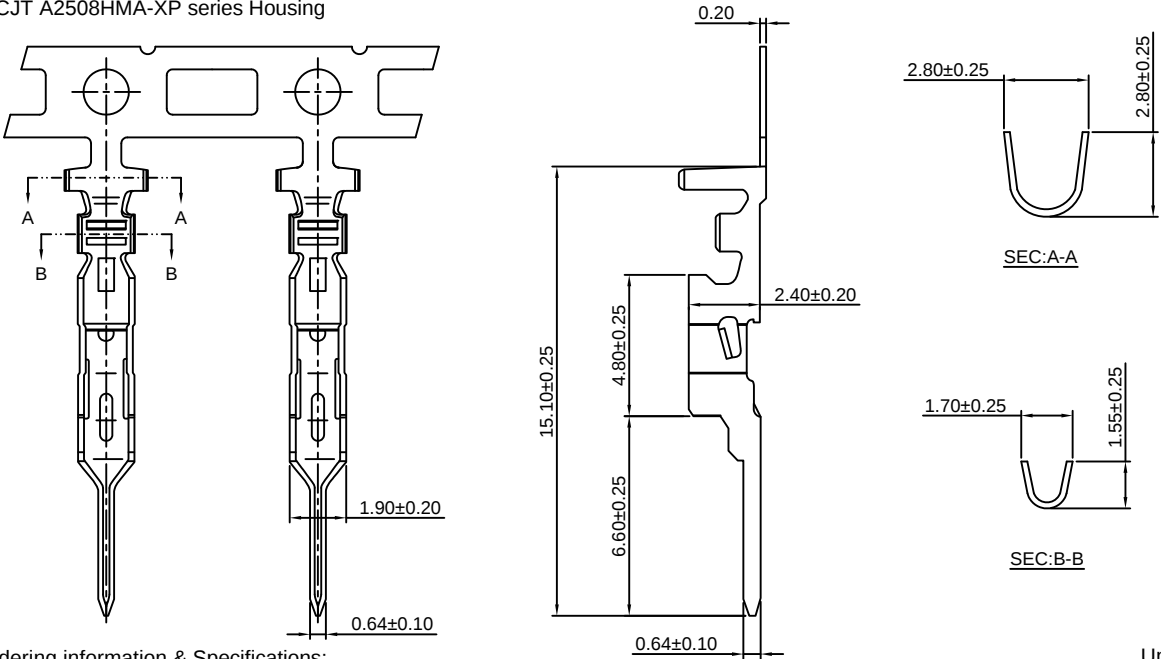
Optional Gold plating available but MOQ requested

A2508M-T

2.50mm Pitch Crimp Terminal

Reference Informations:

*Used in CJT A2508HMA-XP series Housing



Ordering information & Specifications:

Unit:mm

Part NO	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A2508M-TP	AWG#22-#28	1.90mm(max)	Phosphor Bronze	Tin over Nickel	7,000 PCS
A2508M-GP	AWG#22-#28	1.90mm(max)	Phosphor Bronze	Gold over Nickel	7,000 PCS

Optional Gold plating available but MOQ requested



A2508 SERIES

2.50mm pitch wire to board and wire to wire connector

A2508H-XP

2.50mm Pitch Housing

Reference Informations:

- *Material:Nylon 66,UL94V-0
- *Suitable CJT A2508-T series Terminal
- *Mates with CJT A2508WV,WV-F-XP(-H), A2508WR,WR-F-XP,A2508WV-S-XP,A2508WVT-XP(-H), A2508WVT-F-XP(-H) series Wafer
- *Color:White

Ordering Information:

A2508H-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

RD:Red

YL:Yellow

BL:Blue

BK:Black

GN:Green

IV:Ivory

LE:Light blue

OR:Orange

GY:Gray

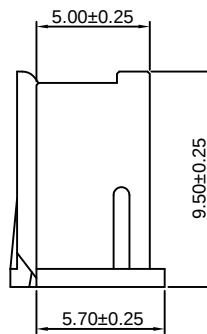
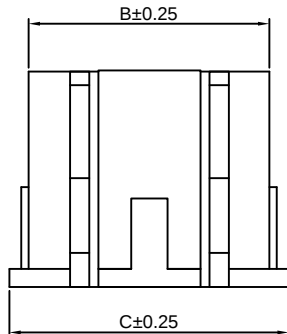
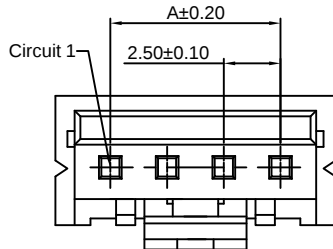
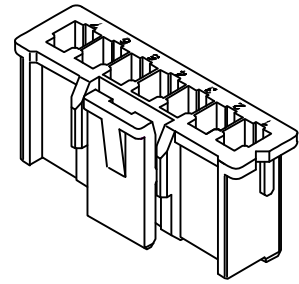
PK:Pink

BR:Brown

VI:Violet

LY:Lemon yellow

VY:Vivid yellow



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
2P	2.50	5.64	7.30
3P	5.00	8.14	9.80
4P	7.50	10.64	12.30
5P	10.00	13.14	14.80
6P	12.50	15.64	17.30
7P	15.00	18.14	19.80
8P	17.50	20.64	22.30
9P	20.00	23.14	24.80
10P	22.50	25.64	27.30
11P	25.00	28.14	29.80
12P	27.50	30.64	32.30
13P	30.00	33.14	34.80
14P	32.50	35.64	37.30
15P	35.00	38.14	39.80

Unit: mm

A2508HA-XP

2.50mm Pitch Housing

Reference Informations:

- *Material:Nylon 66,UL94V-0
- *Suitable CJT A2508-T series Terminal
- *Mates with CJT A2508HMA-XP series Housing and A2508SA-XP series Seal and A2508WV,WV-F-XP(-H),A2508WR,WR-F-XP,A2508WV-S-XP, A2508WVT-XP(-H),A2508WVT-F-XP(-H) series Wafer
- *Color:White

Ordering Information:

A2508HA-XP - *** - **
1 2 3

1. Part No.

2. Material:

(blank):Nylon 66,UL94V-0

GWT:Nylon 66,UL94V-0,GWT 750℃

3. Color:

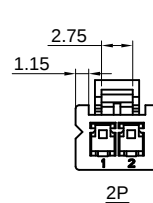
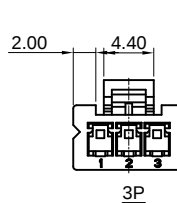
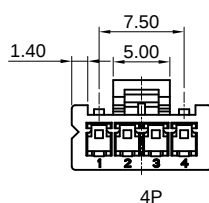
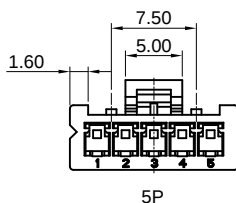
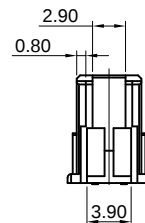
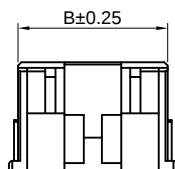
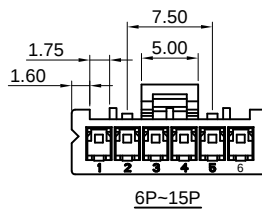
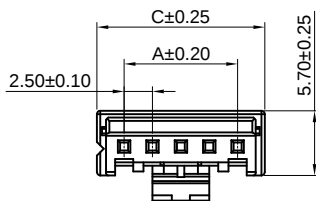
(blank):White

BK:Black

RD:Red

BL:Blue

LY:Lemon yellow



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
2P	2.50	5.70	7.30
3P	5.00	8.20	9.80
4P	7.50	10.70	12.30
5P	10.00	13.20	14.80
6P	12.50	15.70	17.30
7P	15.00	18.20	19.80
8P	17.50	20.70	22.30
9P	20.00	23.20	24.80
10P	22.50	25.70	27.30
11P	25.00	28.20	29.80
12P	27.50	30.70	32.30
13P	30.00	33.20	34.80
14P	32.50	35.70	37.30
15P	35.00	38.20	39.80

Unit: mm



A2508 SERIES

2.50mm pitch wire to board and wire to wire connector

A2508HMA-XP

2.50mm Pitch Housing

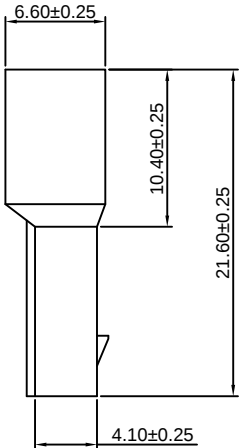
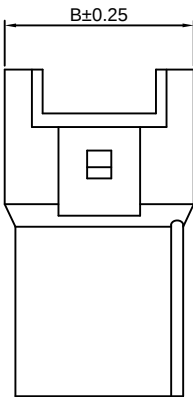
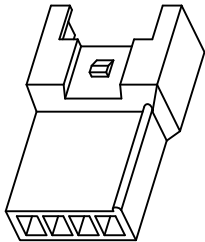
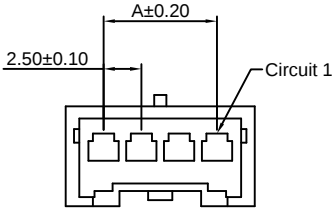
Reference Informations:

- *Material:Nylon 66,UL94V-0
- *Suitable CJT A2508M-T series Terminal
- *Mates with CJT A2508H,HA-XP series Housing
- *Color:White

Ordering Information:

A2508HMA-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
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
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

Unit: mm

A2508SA-XP

2.50mm Pitch Seal

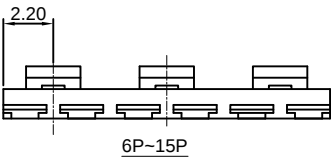
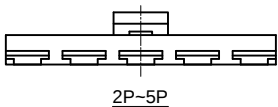
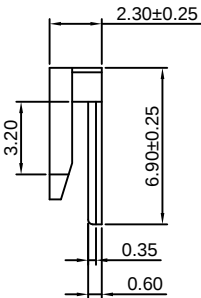
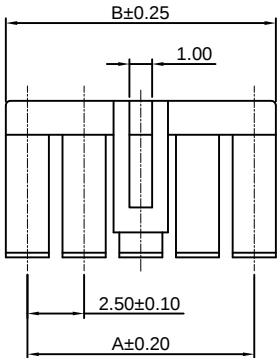
Reference Informations:

- *Material:Nylon 66,UL94V-0
- *Mates with CJT A2508HA-XP series Housing
- *Color:Ivory

Ordering Information:

A2508SA-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	4.40
3P	5.00	6.90
4P	7.50	9.40
5P	10.00	11.90
6P	12.50	14.40
7P	15.00	16.90
8P	17.50	19.40
9P	20.00	21.90
10P	22.50	24.40
11P	25.00	26.90
12P	27.50	29.40
13P	30.00	31.90
14P	32.50	34.40
15P	35.00	36.90

Unit: mm



A2508 SERIES

2.50mm pitch wire to board and wire to wire connector

A2508WV-XP

2.50mm Pitch 180° Wafer

Reference Informations:

*Material: Pin: Brass/Tin over Nickel

Insulator: Nylon 66, UL94V-0

*Mates with CJT A2508H, HA-XP series Housing

*Color: Ivory

Ordering Information:

A2508WV-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

RD: Red

YL: Yellow

BL: Blue

BK: Black

GN: Green

WH: White

LE: Light blue

OR: Orange

GY: Gray

PK: Pink

BR: Brown

VI: Violet

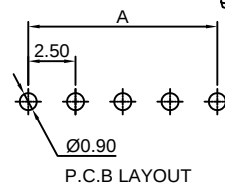
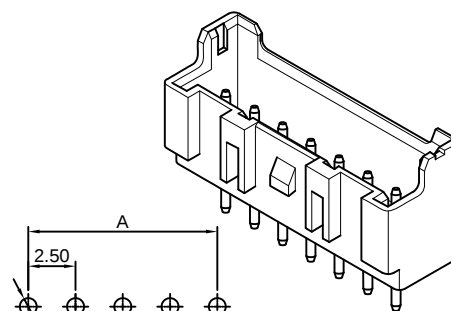
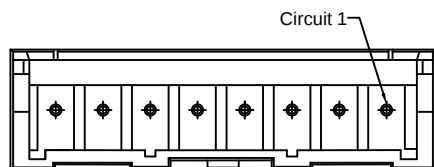
LY: Lemon yellow

VY: Vivid yellow

4. Finish:

(blank): Tin over Nickel

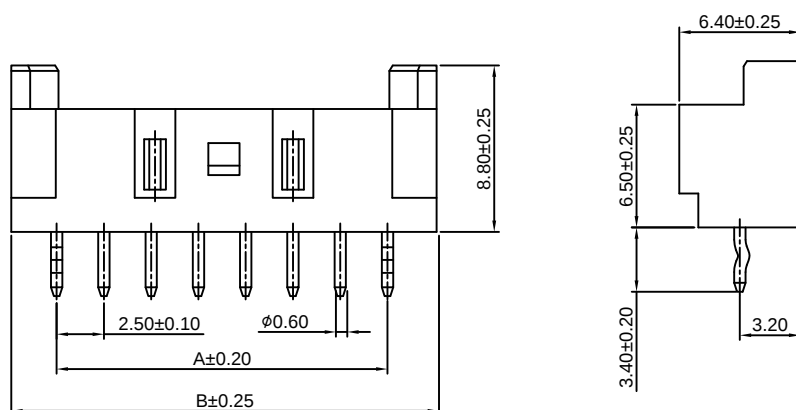
G: Gold over Nickel



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

Unit: mm



A2508WR-XP

2.50mm Pitch 90° Wafer

Reference Informations:

*Material: Pin: Brass/Tin over Nickel

Insulator: Nylon 66, UL94V-0

*Mates with CJT A2508H, HA-XP series Housing

*Color: Ivory

Ordering Information:

A2508WR-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

RD: Red

YL: Yellow

BL: Blue

BK: Black

GN: Green

WH: White

LE: Light blue

OR: Orange

GY: Gray

PK: Pink

BR: Brown

VI: Violet

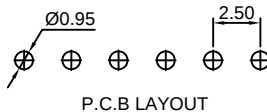
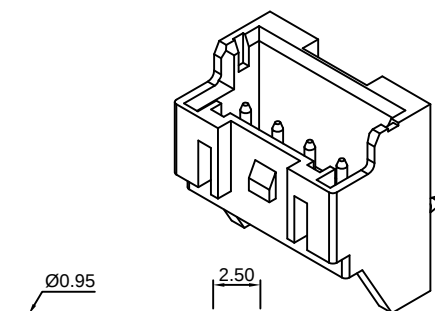
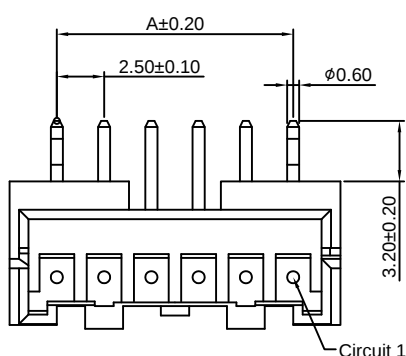
LY: Lemon yellow

VY: Vivid yellow

4. Finish:

(blank): Tin over Nickel

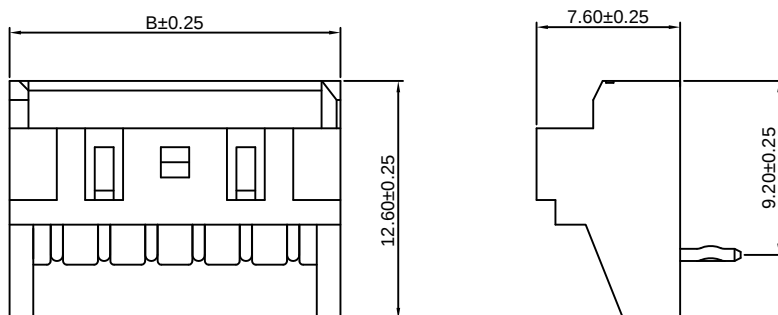
G: Gold over Nickel



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

Unit: mm



2.50mm pitch wire to board and wire to wire connector

-2.50mm Pitch 180° Wafer

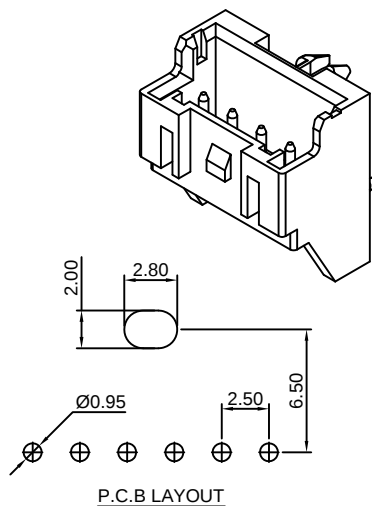
G:Gold over Nickel



Unit: mm

-2.50mm Pitch 90° Wafer

G:Gold over Nickel



Unit: mm



A2508 SERIES

2.50mm pitch wire to board and wire to wire connector

A2508WV-XP-H

2.50mm Pitch 180° Wafer-High box type

Reference Informations:

*Material: Pin: Brass/Tin over Nickel

Insulator: Nylon 66, UL94V-0

*Mates with CJT A2508H, HA-XP series Housing

*Color: Ivory

Ordering Information:

A2508WV-XP-H - *** - ** - **
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

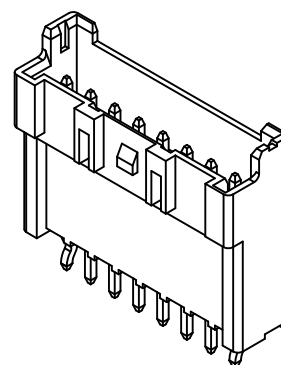
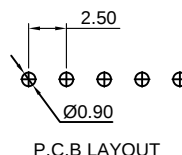
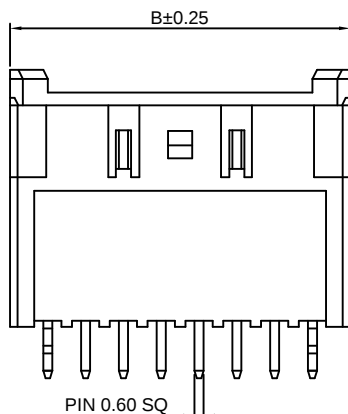
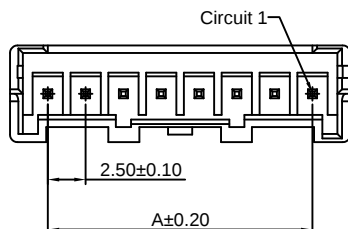
YL: Yellow

GN: Green

4. 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

Unit: mm

A2508WV-F-XP-H

2.50mm Pitch 180° Wafer-High box type

Reference Informations:

*Material: Pin: Brass/Tin over Nickel

Insulator: Nylon 66, UL94V-0

*Mates with CJT A2508H, HA-XP series Housing

*Color: Ivory

Ordering Information:

A2508WV-F-XP-H - *** - ** - **
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

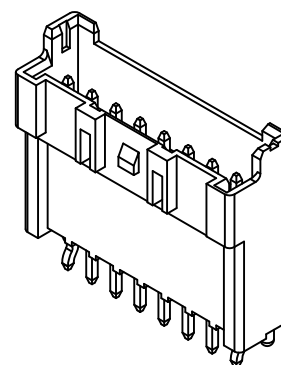
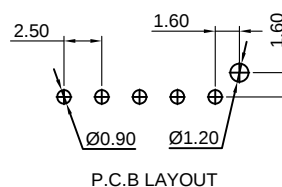
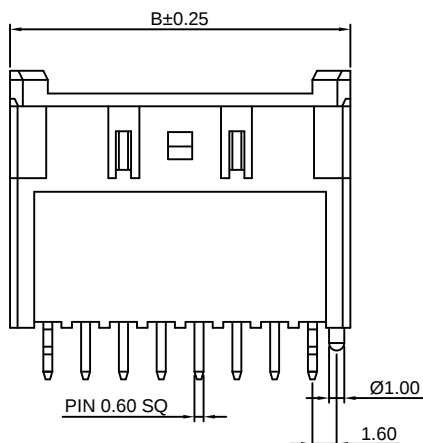
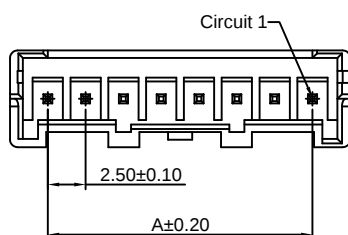
YL: Yellow

GN: Green

4. 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

Unit: mm



A2508 SERIES

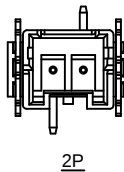
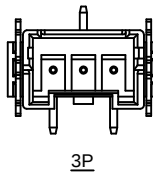
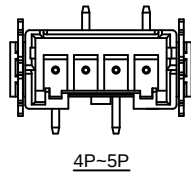
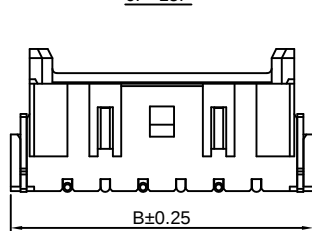
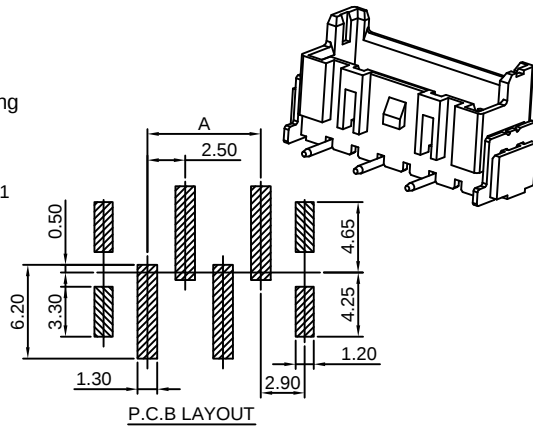
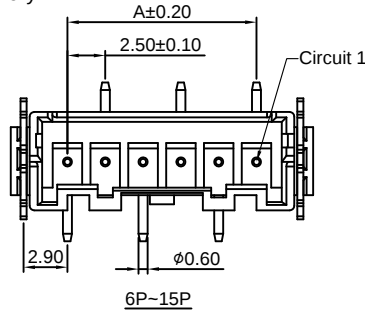
2.50mm pitch wire to board and wire to wire connector

A2508WV-S-XP

2.50mm Pitch 180° Wafer - SMT TYPE

Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 9T, UL94V-0
- *Mates with CJT A2508H, HA-XP series Housing
- *Color: Ivory



Ordering Information:

A2508WV-S-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
RD: Red
BL: Blue
GN: Green
OR: Orange
BK: Black
LY: Lemon yellow
4. Finish:
(blank): Tin over Nickel
G: Gold over Nickel

Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	2.50	10.00
3P	5.00	12.50
4P	7.50	15.00
5P	10.00	17.50
6P	12.50	20.00
7P	15.00	22.50
8P	17.50	25.00
9P	20.00	27.50
10P	22.50	30.00
11P	25.00	32.50
12P	27.50	35.00
13P	30.00	37.50
14P	32.50	40.00
15P	35.00	42.50

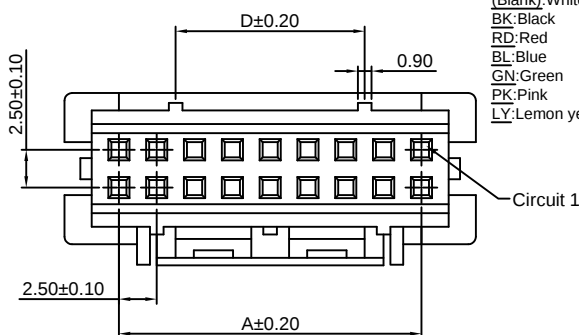
Unit: mm

A2508H-2xXP

2.50mm Pitch Dual Row Housing

Reference Informations:

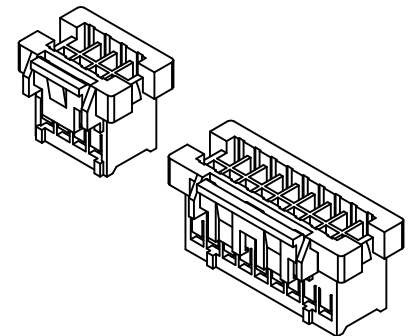
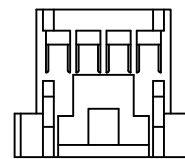
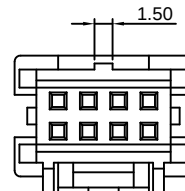
- *Material: Nylon 66, UL94V-0
- *Suitable CJT A2508-T series Terminal
- *Mates with CJT A2508WV, WV-F-2xXP series Wafer
- *Color: White



Ordering Information:

A2508H-2xXP - *** - **
1 2 3

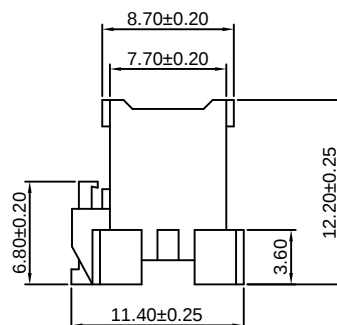
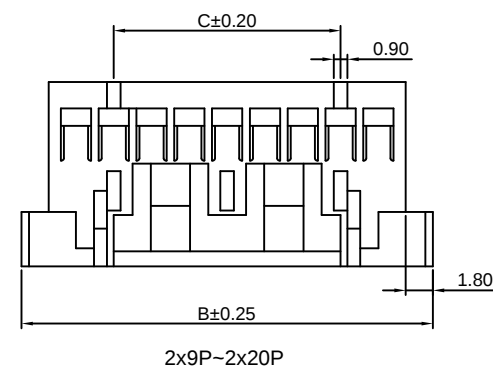
1. Part No.
2. Material:
(blank): Nylon 66, UL94V-0
GWT: Nylon 66, UL94V-0, GWT 750°C
3. Color:
(Blank): White
BK: Black
RD: Red
BL: Blue
GN: Green
PK: Pink
LY: Lemon yellow



Ordering Information & Dimensions:

PART NO.	Dimensions			
	A	B	C	D
2x4P	7.50	14.70	9.10	----
2x5P	10.00	17.20	7.50	----
2x6P	12.50	19.70	10.00	----
2x7P	15.00	22.20	12.50	----
2x8P	17.50	24.70	15.00	----
2x9P	20.00	27.20	15.00	12.50
2x10P	22.50	29.70	17.50	15.00
2x11P	25.00	32.20	20.00	17.50
2x12P	27.50	34.70	22.50	20.00
2x13P	30.00	37.20	25.00	22.50
2x14P	32.50	39.70	27.50	25.00
2x15P	35.00	42.20	30.00	27.50
2x16P	37.50	44.70	32.50	30.00
2x17P	40.00	47.20	35.00	32.50
2x18P	42.50	49.70	37.50	35.00
2x19P	45.00	52.20	40.00	37.50
2x20P	47.50	54.70	42.50	40.00

Unit: mm





A2508 SERIES

2.50mm pitch wire to board and wire to wire connector

A2508WV(-F)-2xXP

2.50mm Pitch Dual Row 180° Wafer

Reference Informations:

*Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 66, UL94V-0

*Mates with CJT A2508H-2xXP series Housing

*Color: Ivory

Ordering Information:

A2508WV(-F)-2xXP - *** - **
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

BK: Black

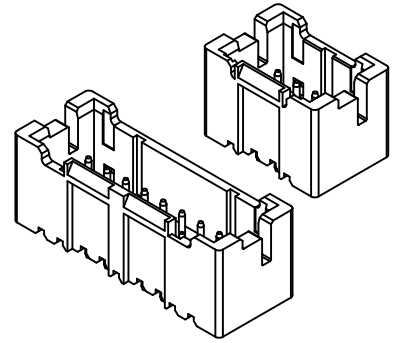
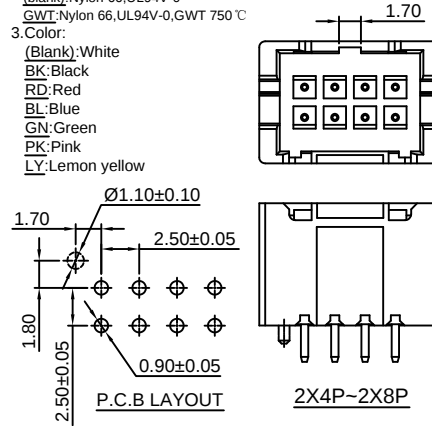
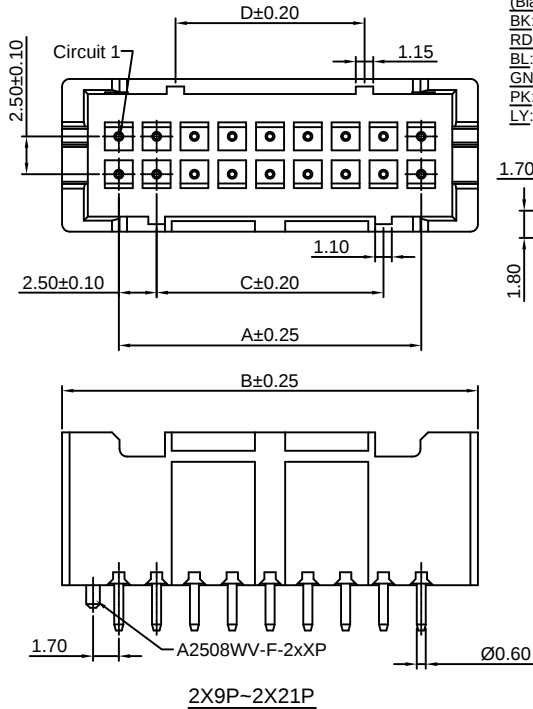
RD: Red

BL: Blue

GN: Green

PK: Pink

LY: Lemon yellow



Ordering Information & Dimensions:

PART NO.	Dimensions			
	A	B	C	D
2x4P	7.50	14.70	9.10	----
2x5P	10.00	17.20	7.50	----
2x6P	12.50	19.70	10.00	----
2x7P	15.00	22.20	12.50	----
2x8P	17.50	24.70	15.00	----
2x9P	20.00	27.20	15.00	12.50
2x10P	22.50	29.70	17.50	15.00
2x11P	25.00	32.20	20.00	17.50
2x12P	27.50	34.70	22.50	20.00
2x13P	30.00	37.20	25.00	22.50
2x14P	32.50	39.70	27.50	25.00
2x15P	35.00	42.20	30.00	27.50
2x16P	37.50	44.70	32.50	30.00
2x17P	40.00	47.20	35.00	32.50
2x18P	42.50	49.70	37.50	35.00
2x19P	45.00	52.20	40.00	37.50
2x20P	47.50	54.70	42.50	40.00

Unit: mm

A2508WR-F-2xXP

2.50mm Pitch Dual Row 90° Wafer

Reference Informations:

*Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 66, UL94V-0

*Mates with CJT A2508H-2xXP series Housing

*Color: Ivory

Ordering Information:

A2508WR-F-2xXP - *** - **
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

BK: Black

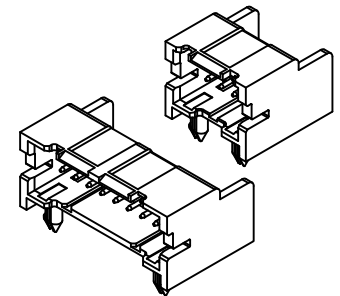
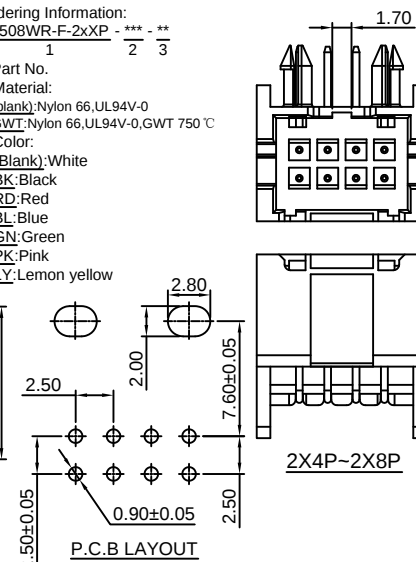
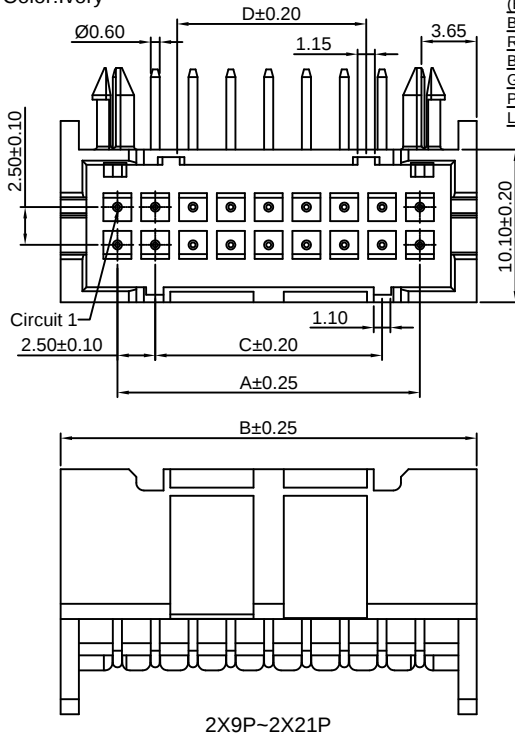
RD: Red

BL: Blue

GN: Green

PK: Pink

LY: Lemon yellow



Ordering Information & Dimensions:

PART NO.	Dimensions			
	A	B	C	D
2x4P	7.50	14.70	9.10	----
2x5P	10.00	17.20	7.50	----
2x6P	12.50	19.70	10.00	----
2x7P	15.00	22.20	12.50	----
2x8P	17.50	24.70	15.00	----
2x9P	20.00	27.20	15.00	12.50
2x10P	22.50	29.70	17.50	15.00
2x11P	25.00	32.20	20.00	17.50
2x12P	27.50	34.70	22.50	20.00
2x13P	30.00	37.20	25.00	22.50
2x14P	32.50	39.70	27.50	25.00
2x15P	35.00	42.20	30.00	27.50
2x16P	37.50	44.70	32.50	30.00
2x17P	40.00	47.20	35.00	32.50
2x18P	42.50	49.70	37.50	35.00
2x19P	45.00	52.20	40.00	37.50
2x20P	47.50	54.70	42.50	40.00

Unit: mm



A2508 SERIES

2.50mm pitch wire to board and wire to wire connector

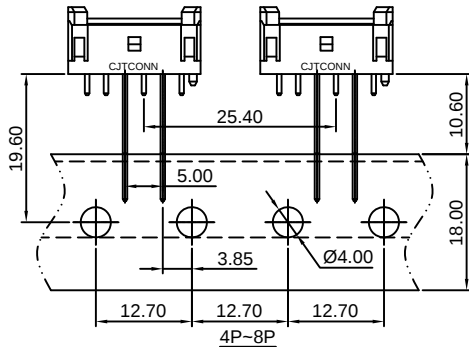
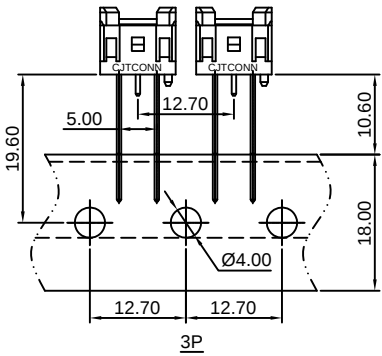
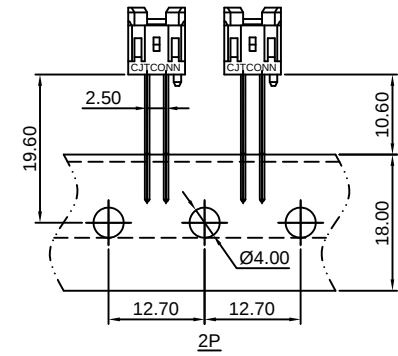
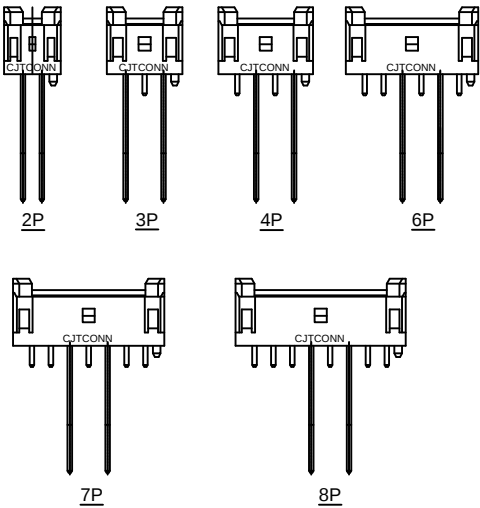
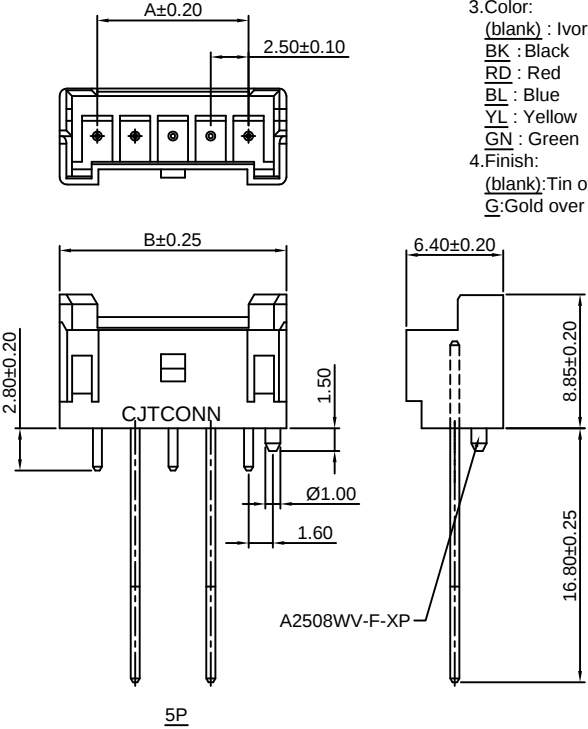
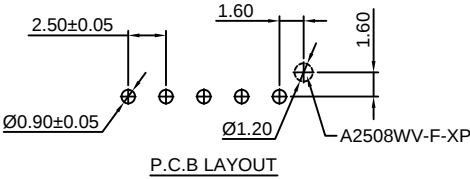
A2508WVT(-F)-XP

2.50mm pitch 180° Wafer ON RADIAL-TAPE

Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 66, UL94V-0
- *Mates with CJT A2508H, HA-XP series Housing
- *Color: Ivory

- Ordering Information:
A2508WVT(-F)-XP - *** - ** - **
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
YL : Yellow
GN : Green
4. 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



A2508 SERIES

2.50mm pitch wire to board and wire to wire connector

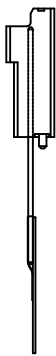
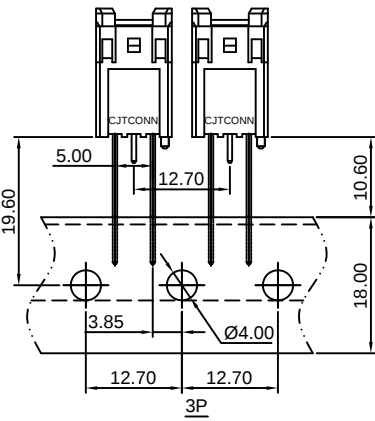
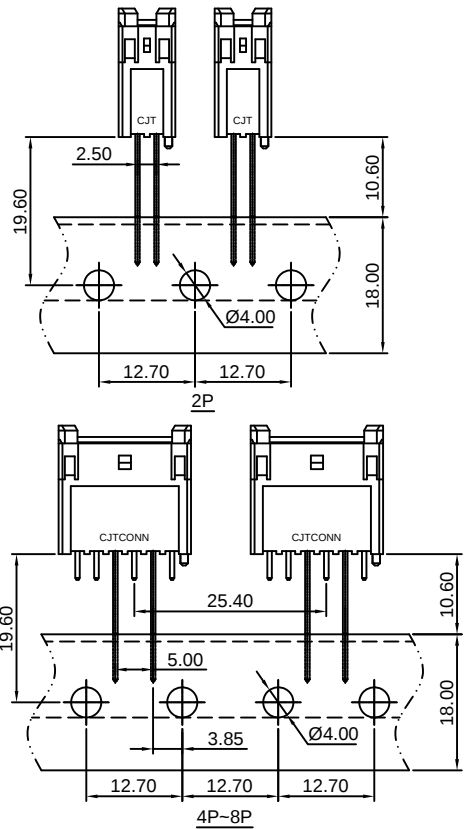
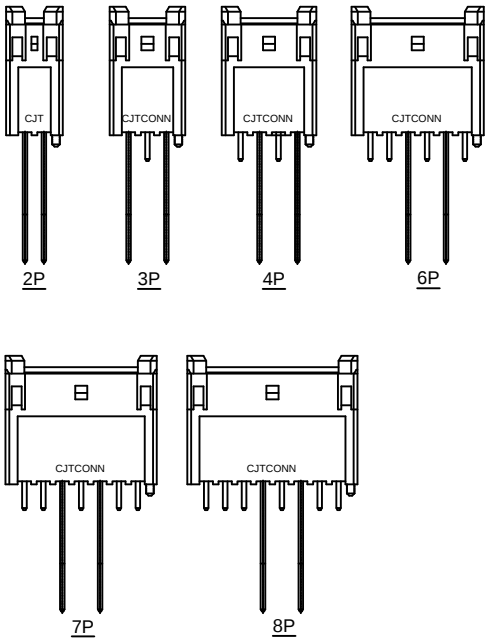
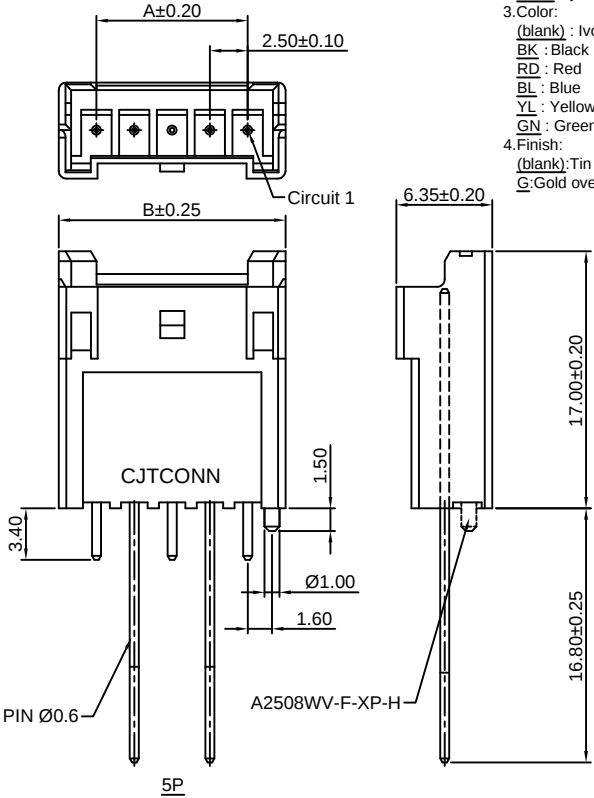
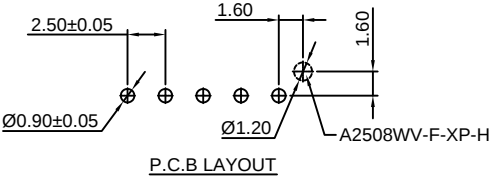
A2508WVT(-F)-XP-H

2.50mm pitch 180° Wafer ON RADIAL-TAPE

Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 66, UL94V-0
- *Mates with CJT A2508H, HA-XP series Housing
- *Color: Ivory

- Ordering Information:
A2508WVT(-F)-XP-H - *** - ** - **
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
YL: Yellow
GN: Green
4. 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