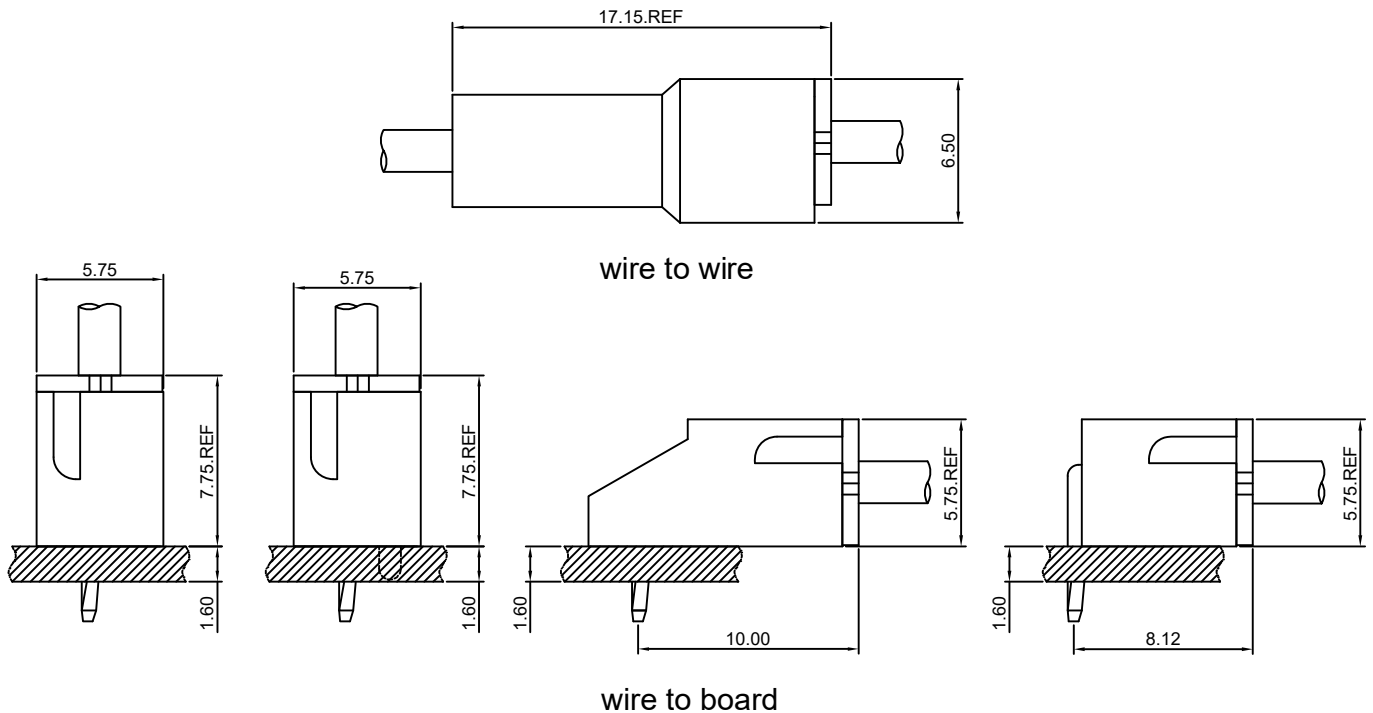


## Specifications

- Current rating: 3A AC, DC
- Voltage rating: 250V AC, DC
- Temperature range: -25°C ~ +85°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 HDGC for details\*

## Assembly layout





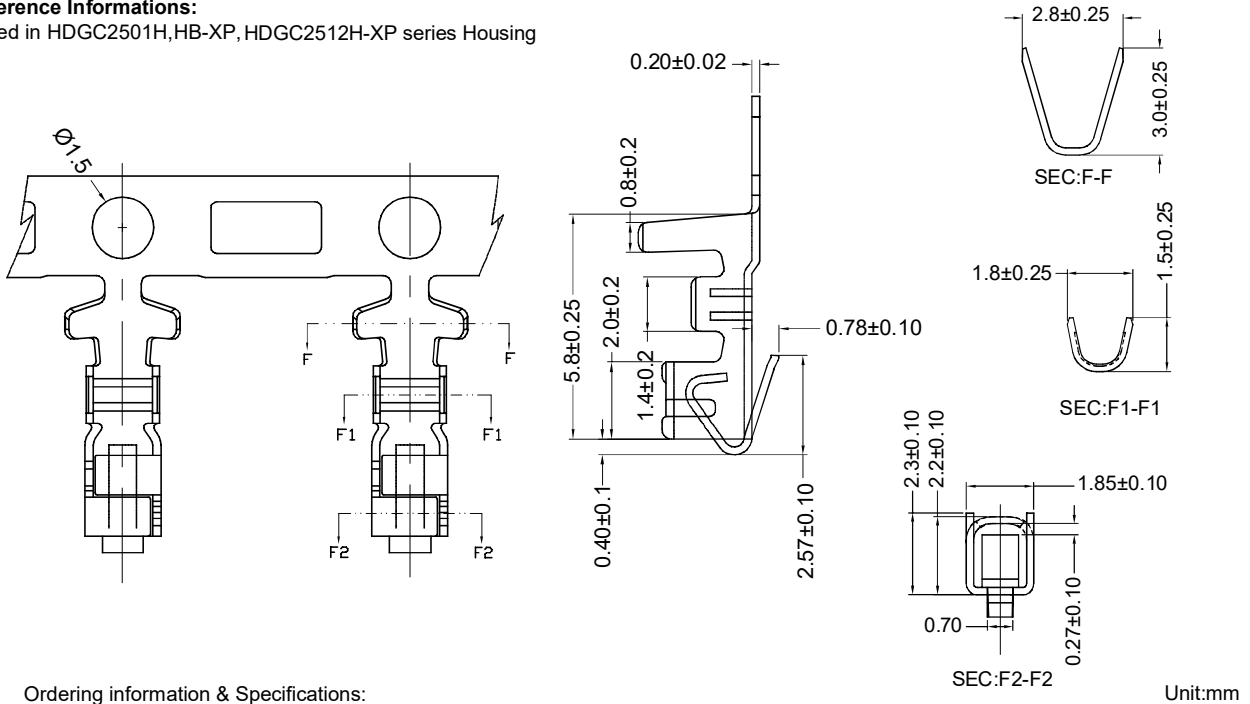
## HDGC2501 Series 2.50mm (.098") Pitch Wire to Board and Wire to Wire Connector

### HDGC2501-T

2.50mm pitch Crimp Terminal

**Reference Informations:**

\*Used in HDGC2501H, HB-XP, HDGC2512H-XP series Housing



Ordering information & Specifications:

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
HDGC2501-TP	AWG#22-#28	1.90mm(max)	Phosphor Bronze	Tin over Nickel	8,000 PCS
HDGC2501-GP	AWG#22-#28	1.90mm(max)	Phosphor Bronze	Gold over Nickel	8,000 PCS

Optional Gold plating available but MOQ requested

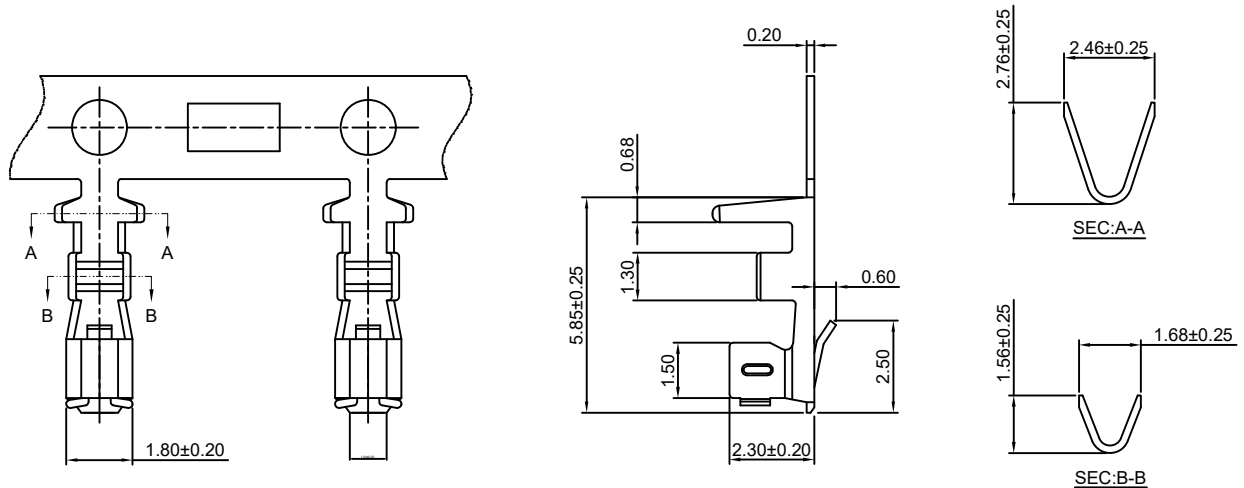
Unit:mm

### HDGC2501-T-A

2.50mm pitch Crimp Terminal

**Reference Informations:**

\*Used in HDGC2501H, HB-XP, HDGC2512H, HA, HB-XP series Housing



Ordering information & Specifications:

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
HDGC2501-TP-A	AWG#22-#28	1.90mm(max)	Phosphor Bronze	Tin over Nickel	15,000 PCS
HDGC2501-GP-A	AWG#22-#28	1.90mm(max)	Phosphor Bronze	Gold over Nickel	15,000 PCS

Optional Gold plating available but MOQ requested

Unit:mm



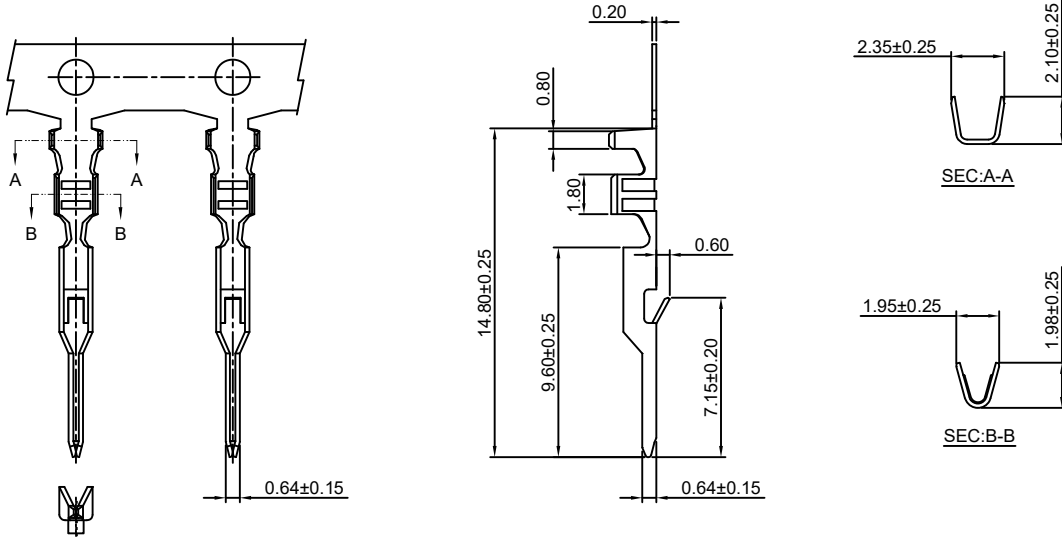
## HDGC2501 Series 2.50mm (.098") Pitch Wire to Board and Wire to Wire Connector

### HDGC2501M-T

2.50mm pitch Crimp Terminal

**Reference Informations:**

\*Used in HDGC2501HMB,HMC-XP,HDGC2507HM-2P,HDGC2509HM-XP,HDGC2504HM,HMA-XP series Housing



Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
HDGC2501M-TB	AWG#22-#28	1.00mm(max)	Brass	Tin over Nickel	10,000 PCS
HDGC2501M-TP	AWG#22-#28	1.00mm(max)	Phosphor Bronze	Tin over Nickel	10,000 PCS
HDGC2501M-GB	AWG#22-#28	1.00mm(max)	Brass	Gold over Nickel	10,000 PCS
HDGC2501M-GP	AWG#22-#28	1.00mm(max)	Phosphor Bronze	Gold over Nickel	10,000 PCS

Optional Gold plating available but MOQ requested

### HDGC2501H-XP

2.50mm pitch Housing

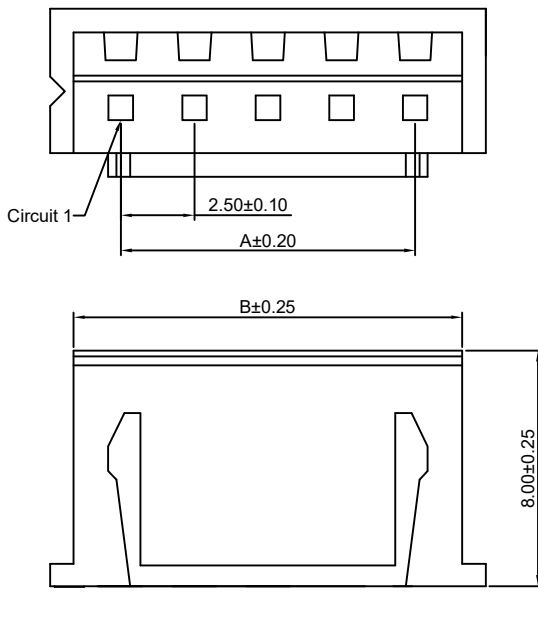
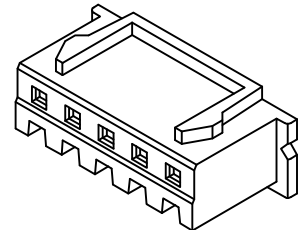
**Reference Informations:**

\*Material:Nylon 66,UL94V-0

\*Suitable HDGC2501-T(-A) series Terminal

\*Mates with HDGC2501HMB-XP series Housing or HDGC2501WV(-F),WR,WV-S,WR-S-XP, HDGC2501WRB,WVR,HDGC2501WVC(-F)-XP,WVT-XP, HDGC2512WVA,WRA,WVA-F,WVRA,WVT-XP series Wafer

\*Color: White



**Ordering Information:**

HDGC2501H-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

BL:Blue

RD:Red

GN:Green

BR:Brown

VY:Vivid yellow

BK:Black

YL:Yellow

OR:Orange

LY:Lemon yellow

**Ordering Information & Dimensions:**

PART NO.	Dimensions	
	A	B
2P	2.50	5.70
3P	5.00	8.20
4P	7.50	10.70
5P	10.00	13.20
6P	12.50	15.70
7P	15.00	18.20
8P	17.50	20.70
9P	20.00	23.20
10P	22.50	25.70
11P	25.00	28.20
12P	27.50	30.70
13P	30.00	33.20
14P	32.50	35.70
15P	35.00	38.20
16P	37.50	40.70
17P	40.00	43.20
18P	42.50	45.70
19P	45.00	48.20
20P	47.50	50.70

Unit: mm



## HDGC2501 Series 2.50mm (.098") Pitch Wire to Board and Wire to Wire Connector

### HDGC2501HB-XP

2.50mm pitch Housing

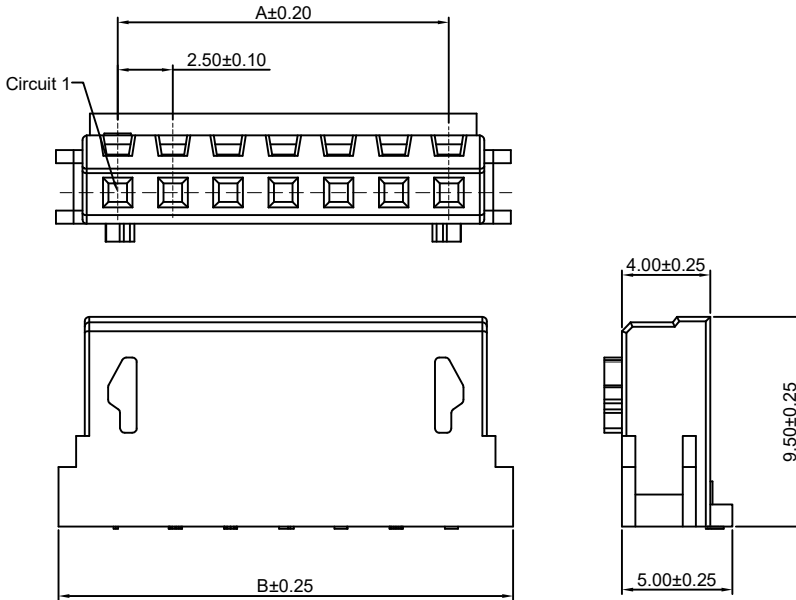
#### Reference Informations:

- \*Material: Nylon 66, UL94V-0
- \*Suitable HDGC2501-T(-A) series Terminal
- \*Mates with HDGC2501HMB-XP series Housing or HDGC2501WV(-F), WR, WV-S, WR-S-XP, HDGC2501WRB, WVR, HDGC2501WVC(-F)-XPWVT-XP, series Wafer or HDGC2512SA-XP series Retainer
- \*Color: White

#### Ordering Information:

HDGC2501HB-XP - \*\*\* - \*\*  
1 2 3

- Part No.
- Material:  
(Blank): Nylon 66, UL94V-0  
GWT: Nylon 66, UL94V-0, GWT 750 °C
- Color:  
(Blank): White  
BL: Blue  
BK: Black  
RD: Red  
YL: Yellow  
GN: Green



#### Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	2.50	8.10
3P	5.00	10.60
4P	7.50	13.10
5P	10.00	15.60
6P	12.50	18.10
7P	15.00	20.60
8P	17.50	23.10
9P	20.00	25.60
10P	22.50	28.10
11P	25.00	30.60
12P	27.50	33.10
13P	30.00	35.60
14P	32.50	38.10
15P	35.00	40.60

Unit: mm

### HDGC2501HMB-XP

2.50mm pitch Housing

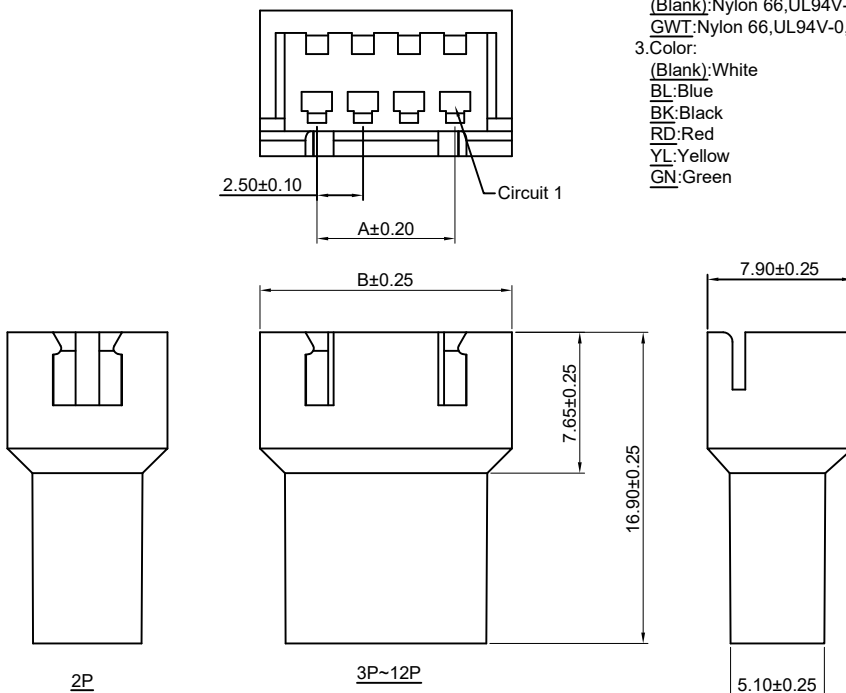
#### Reference Informations:

- \*Material: Nylon 66, UL94V-0
- \*Suitable HDGC2501M-T series Terminal
- \*Mates with HDGC2501H, HB-XP series Housing
- \*Color: White

#### Ordering Information:

HDGC2501HMB-XP - \*\* - \*\*\*  
1 2 3

- Part No.
- Material:  
(Blank): Nylon 66, UL94V-0  
GWT: Nylon 66, UL94V-0, GWT 750 °C
- Color:  
(Blank): White  
BL: Blue  
BK: Black  
RD: Red  
YL: Yellow  
GN: Green



#### Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	2.50	8.70
3P	5.00	11.20
4P	7.50	13.70
5P	10.00	16.20
6P	12.50	18.70
7P	15.00	21.20
8P	17.50	23.70
9P	20.00	26.20
10P	22.50	28.70
11P	25.00	31.20
12P	27.50	33.70
13P	30.00	36.20
14P	32.50	38.70
15P	35.00	41.20
16P	37.50	43.70
17P	40.00	46.20
18P	42.50	48.70
19P	45.00	51.20
20P	47.50	53.70

Unit: mm



## HDGC2501 Series 2.50mm (.098") Pitch Wire to Board and Wire to Wire Connector

### HDGC2501HMC-XP

2.50mm pitch Housing

**Reference Informations:**

- \*Material:Nylon 66,UL94V-0
- \*Suitable HDGC2501M-T series Terminal
- \*Mates with HDGC2512HA-XP series Housing
- \*Color:White

**Ordering Information:**

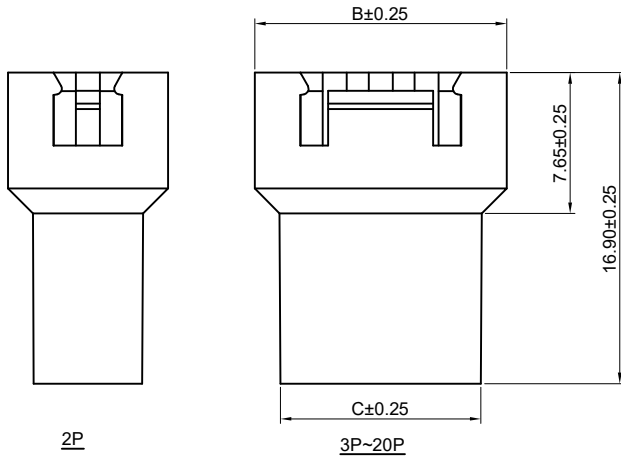
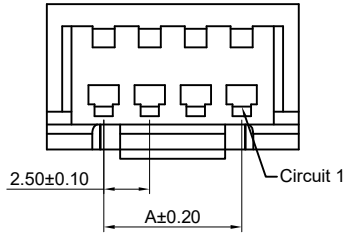
HDGC2501HMC-XP - \*\*\*  
1 2

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	C
2P	2.50	8.70	5.90
3P	5.00	11.20	8.40
4P	7.50	13.70	10.90
5P	10.00	16.20	13.40
6P	12.50	18.70	15.90
7P	15.00	21.20	18.40
8P	17.50	23.70	20.90
9P	20.00	26.20	23.40
10P	22.50	28.70	25.90
11P	25.00	31.20	28.40
12P	27.50	33.70	30.90
13P	30.00	36.20	33.40
14P	32.50	38.70	35.90
15P	35.00	41.20	38.40
16P	37.50	43.70	40.90
17P	40.00	46.20	43.40
18P	42.50	48.70	45.90
19P	45.00	51.20	48.40
20P	47.50	53.70	50.90

Unit: mm

### HDGC2501WV(-F)-XP

2.50mm pitch 180° Wafer

**Reference Informations:**

- \*Material:Pin:Brass/Tin over Nickel  
Insulator:Nylon 66,UL94V-0
- \*Mates with HDGC2501H,HB-XP series Housing
- \*Color:White

**Ordering Information:**

HDGC2501WV(-F)-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

BL:Blue

RD:Red

GN:Green

BR:Brown

VY:Vivid yellow

5.Finish:

(blank):Tin over Nickel

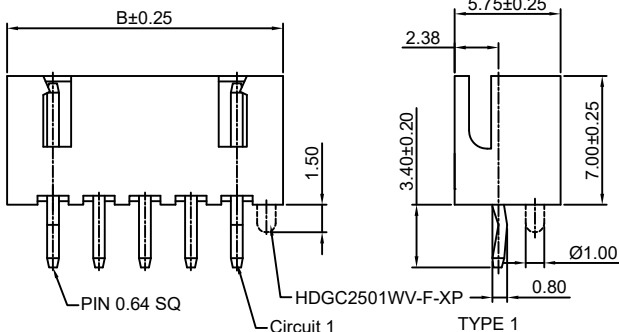
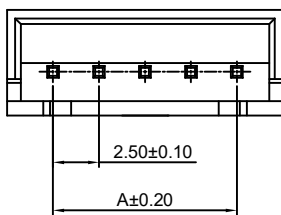
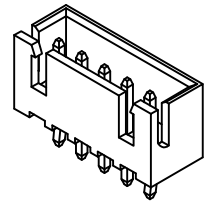
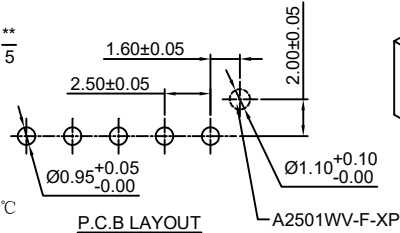
G:Gold over Nickel

BK:Black

YL:Yellow

OR:Orange

LY:Lemon yellow



**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



## HDGC2501 Series 2.50mm (.098") Pitch Wire to Board and Wire to Wire Connector

### HDGC2501WVC(-F)-XP

2.50mm pitch 180° Wafer

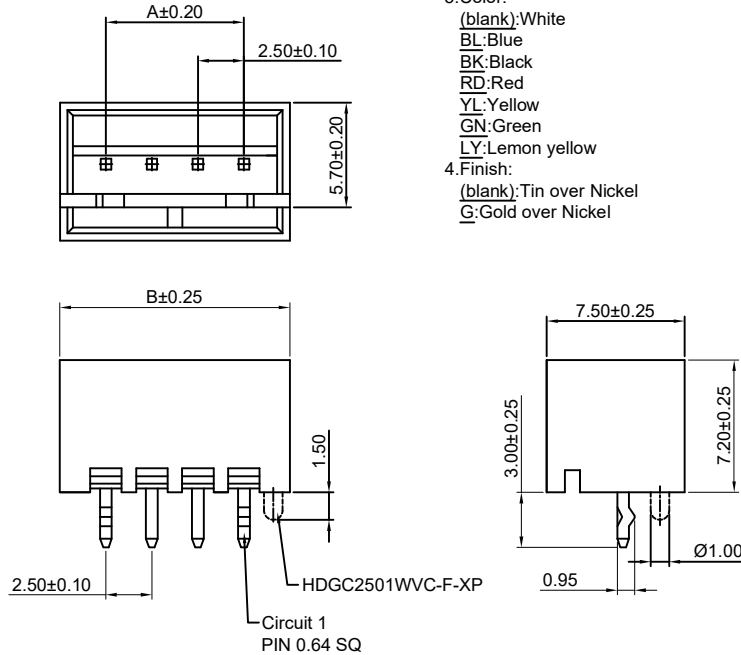
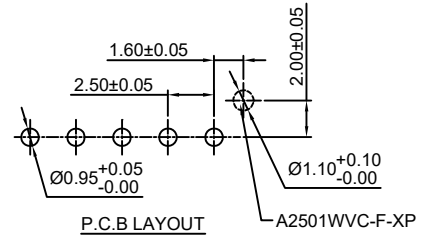
#### Reference Informations:

- \*Material: Pin: Brass/Tin over Nickel  
Insulator: Nylon 66, UL94V-0
- \*Mates with HDGC2501H, HB-XP series Housing
- \*Color: White

#### Ordering Information:

HDGC2501WVC(-F)-XP - <sup>\*\*\*</sup>/<sub>1</sub> - <sup>\*\*</sup>/<sub>2</sub> - <sup>\*\*</sup>/<sub>3</sub> - <sup>\*\*</sup>/<sub>4</sub>

- Part No
- Material:  
(Blank): Nylon 66, UL94V-0  
GWT: Nylon 66, UL94V-0, GWT 750°C
- Color:  
(blank): White  
BL: Blue  
BK: Black  
RD: Red  
YL: Yellow  
GN: Green  
LY: Lemon yellow
- 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

### HDGC2501WV-F-XP-H

2.50mm pitch 180° Wafer - With Boss

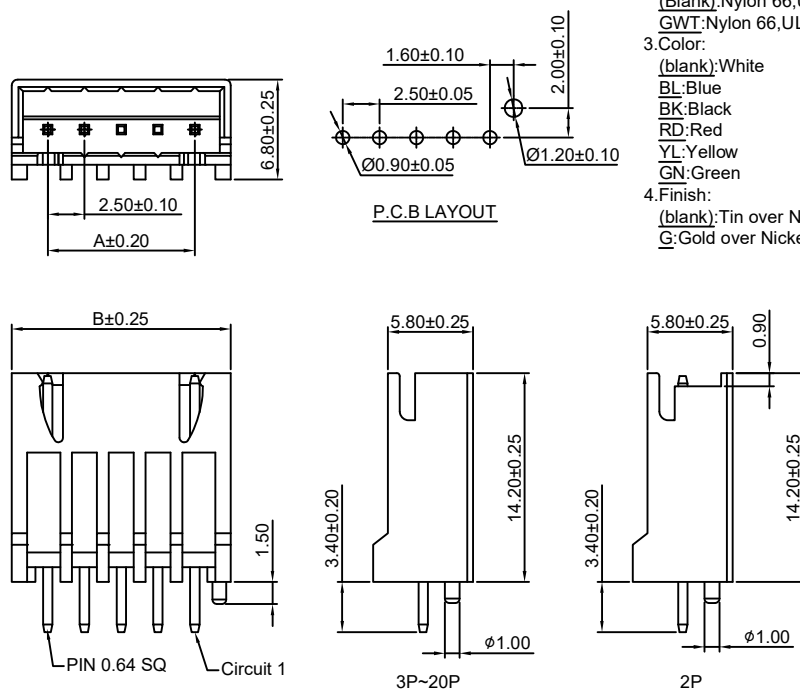
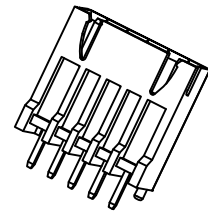
#### Reference Informations:

- \*Material: Pin: Brass/Tin over Nickel  
Insulator: Nylon 66, UL94V-0
- \*Mates with HDGC2501H, HB-XP series Housing
- \*Color: White

#### Ordering Information:

HDGC2501WV-F-XP-H - <sup>\*\*\*</sup>/<sub>1</sub> - <sup>\*\*</sup>/<sub>2</sub> - <sup>\*\*</sup>/<sub>3</sub> - <sup>\*\*</sup>/<sub>4</sub>

- Part No
- Material:  
(Blank): Nylon 66, UL94V-0  
GWT: Nylon 66, UL94V-0, GWT 750°C
- Color:  
(blank): White  
BL: Blue  
BK: Black  
RD: Red  
YL: Yellow  
GN: Green
- 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



## HDGC2501 Series 2.50mm (.098") Pitch Wire to Board and Wire to Wire Connector

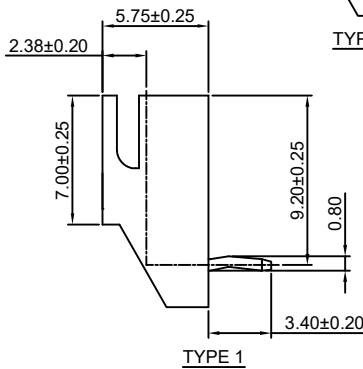
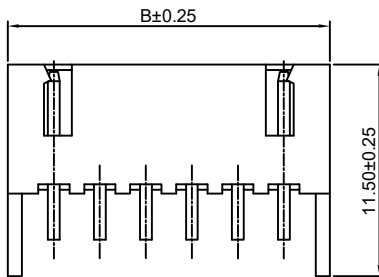
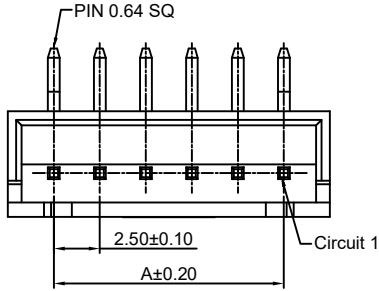
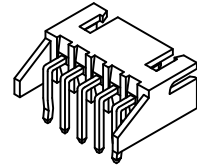
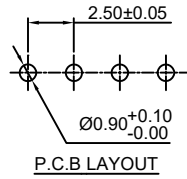
### HDGC2501WR-XP

2.50mm pitch 90° Wafer

**Reference Informations:**

- \*Material:Pin:Brass/Tin over Nickel  
Insulator:Nylon 66,UL94V-0
- \*Mates with HDGC2501H,HB-XP series Housing
- \*Color:White

- Ordering Information:  
**HDGC2501WR-XP** - \*\* - \*\*\* - \*\* - \*\*  
 1 2 3 4 5
- Part No
  - Style:  
(blank) :Type 1  
2 :Type 2
  - Material:  
(Blank):Nylon 66,UL94V-0  
GWT:Nylon 66,UL94V-0,GWT 750 °C
  - Color:  
(blank):White  
BK:Black  
BL:Blue  
RD:Red  
YL:Yellow  
GN:Green  
OR:Orange  
BR:Brown  
LY:Lemon yellow  
VY:Vivid yellow
  - 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

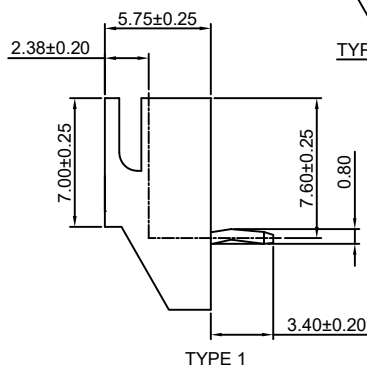
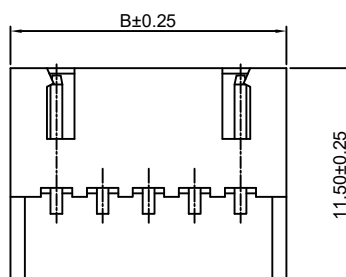
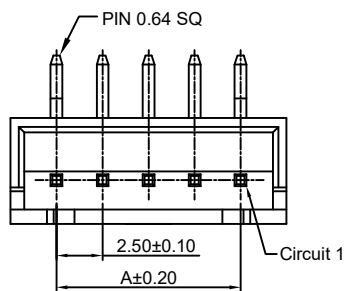
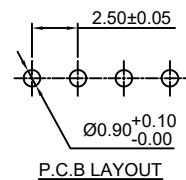
### HDGC2501WRB-XP

2.50mm pitch 90° Wafer

**Reference Informations:**

- \*Material:Pin:Brass/Tin over Nickel  
Insulator:Nylon 66,UL94V-0
- \*Mates with HDGC2501H,HB-XP series Housing
- \*Color:White

- Ordering Information:  
**HDGC2501WRB-XP** - \*\* - \*\*\* - \*\* - \*\*  
 1 2 3 4 5
- Part No
  - Style:  
(blank) :Type 1  
2 :Type 2
  - Material:  
(Blank):Nylon 66,UL94V-0  
GWT:Nylon 66,UL94V-0,GWT 750 °C
  - Color:  
(blank):White  
BK:Black  
BL:Blue  
RD:Red  
YL:Yellow  
GN:Green  
OR:Orange  
BR:Brown  
LY:Lemon yellow  
VY:Vivid yellow
  - 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





## HDGC2501 Series 2.50mm (.098") Pitch Wire to Board and Wire to Wire Connector

### HDGC2501WVR-XP

2.50mm pitch 90° Wafer

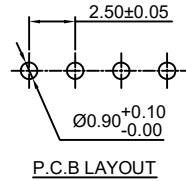
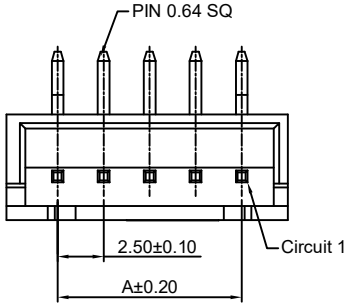
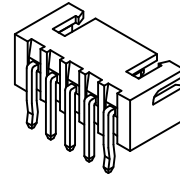
#### Reference Informations:

- \*Material: Pin: Brass/Tin over Nickel  
Insulator: Nylon 66, UL94V-0
- \*Mates with HDGC2501H, HB-XP series Housing
- \*Color: White

#### Ordering Information:

HDGC2501WVR-XP - <sup>\*\*</sup>/<sub>1</sub> - <sup>\*\*\*</sup>/<sub>2</sub> - <sup>\*\*</sup>/<sub>3</sub> - <sup>\*\*</sup>/<sub>4</sub> - <sup>\*\*</sup>/<sub>5</sub>

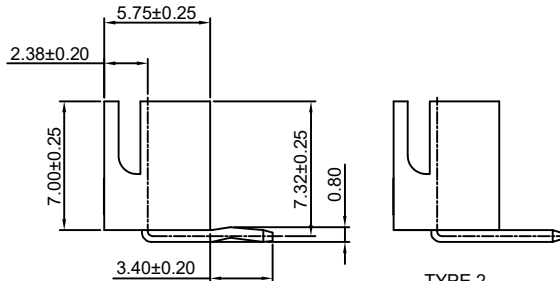
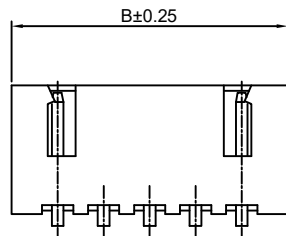
- Part No
- Style:  
(blank) : Type 1  
2 : Type 2
- Material:  
(Blank): Nylon 66, UL94V-0  
GWT: Nylon 66, UL94V-0, GWT 750 °C
- Color:  
(blank): White  
BL: Blue  
BK: Black  
RD: Red  
YL: Yellow  
GN: Green
- Finish:  
(blank): Tin over Nickel  
G: Gold over Nickel



#### 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



TYPE 1

TYPE 2

### HDGC2501WV-S-XP

2.50mm pitch 180° Wafer - SMT TYPE

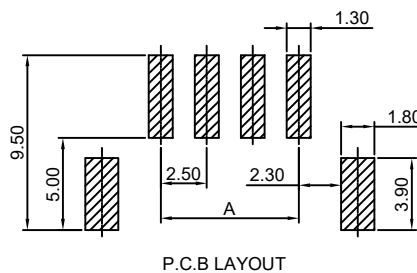
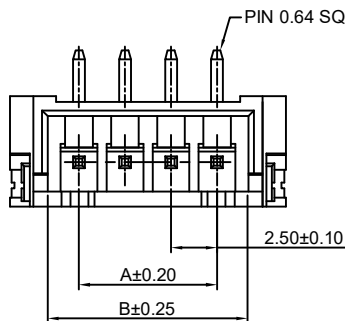
#### Reference Informations:

- \*Material: Pin: Brass/Tin over Nickel  
Solder Tabs: Phosphor Bronze/Tin over Nickel  
Insulator: LCP, UL94V-0
- \*Mates with HDGC2501H, HB-XP series Housing
- \*Color: Ivory

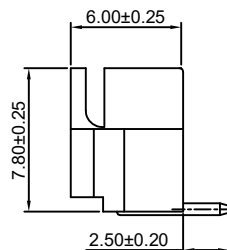
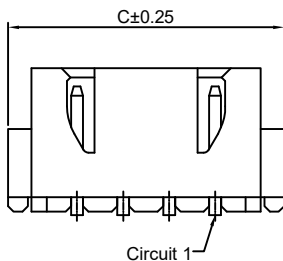
#### Ordering Information:

HDGC2501WV-S-XP - <sup>\*\*\*</sup>/<sub>1</sub> - <sup>\*\*</sup>/<sub>2</sub> - <sup>\*\*</sup>/<sub>3</sub> - <sup>\*\*</sup>/<sub>4</sub>

- Part No
- Material:  
(Blank): LCP, UL94V-0  
GWT: LCP, UL94V-0, GWT 750 °C
- Color:  
(blank): Ivory  
BL: Blue  
RD: Red  
GN: Green
- Finish:  
(blank): Tin over Nickel  
G: Gold over Nickel



P.C.B LAYOUT



#### Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	
2P	2.50	5.90	10.00
3P	5.00	8.40	12.50
4P	7.50	10.90	15.00
5P	10.00	13.40	17.50
6P	12.50	15.90	20.00
7P	15.00	18.40	22.50
8P	17.50	20.90	25.00
9P	20.00	23.40	27.50
10P	22.50	25.90	30.00
11P	25.00	28.40	32.50
12P	27.50	30.90	35.00
13P	30.00	33.40	37.50
14P	32.50	35.90	40.00
15P	35.00	38.40	42.50
16P	37.50	40.90	45.00

Unit: mm





## HDGC2501 Series 2.50mm (.098") Pitch Wire to Board and Wire to Wire Connector

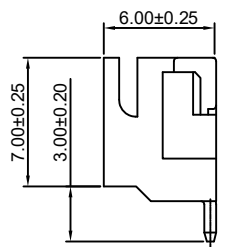
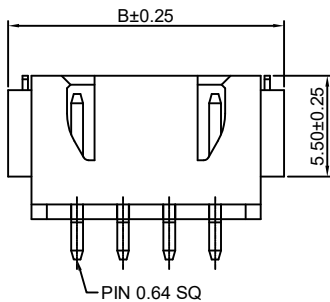
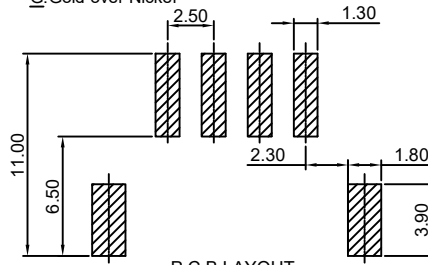
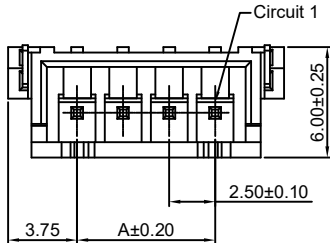
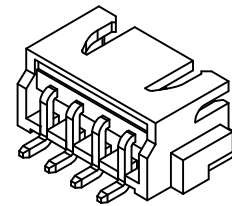
### HDGC2501WR-S-XP

2.50mm pitch 90° Wafer - SMT TYPE

**Reference Informations:**

- \*Material: Pin: Brass/Tin over Nickel  
Insulator: Nylon 6T, UL94V-0
- \*Mates with HDGC2501H, HB-XP series Housing
- \*Color: Ivory

- Ordering Information:  
HDGC2501WR-S-XP - \*\*\* - \*\* - \*\*
1. Part No.  
2. Material:  
(Blank): Nylon 6T, UL94V-0  
GWT: Nylon 6T, UL94V-0, GWT 750 °C
3. Color:  
(blank): Ivory  
BL: Blue RD: Red  
GN: Green 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
16P	37.50	45.00
17P	40.00	47.50
18P	42.50	50.00
19P	45.00	52.50
20P	47.50	55.00

Unit: mm

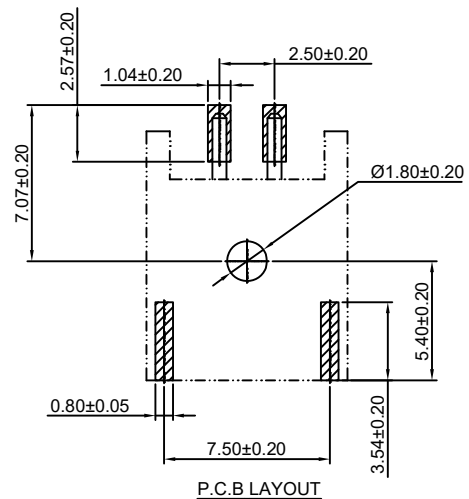
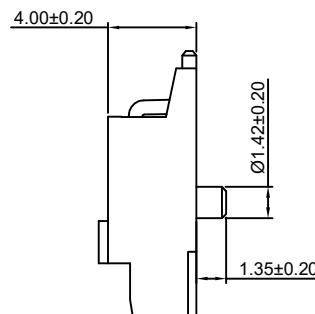
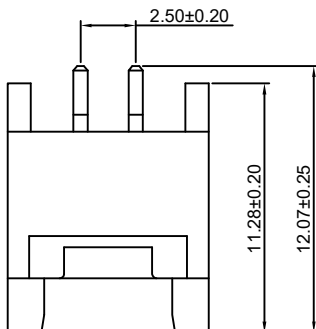
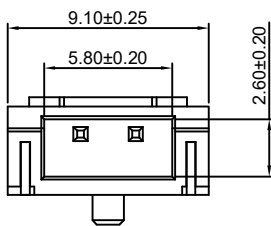
### HDGC2501WRA-S-F-2P

2.50mm pitch 90° Wafer - SMT TYPE

**Reference Informations:**

- \*Material: Pin: Copper Alloy/Tin over Nickel  
Insulator: Nylon 9T, UL94V-0
- \*Color: Ivory

- Ordering Information:  
HDGC2501WRA-S-F-2P - \*\*\* - \*\*
1. Part No.  
2. Material:  
(Blank): Nylon 9T, UL94V-0  
GWT: Nylon 9T, UL94V-0, GWT 750 °C
3. Finish:  
(blank): Tin over Nickel  
G: Gold over Nickel



Unit: mm



# HDGC2501 SERIES



## HDGC2501 Series 2.50mm (.098") Pitch Wire to Board and Wire to Wire Connector

### HDGC2501WVT-XP

2.50mm pitch 180° Wafer ON RADIAL-TAPE

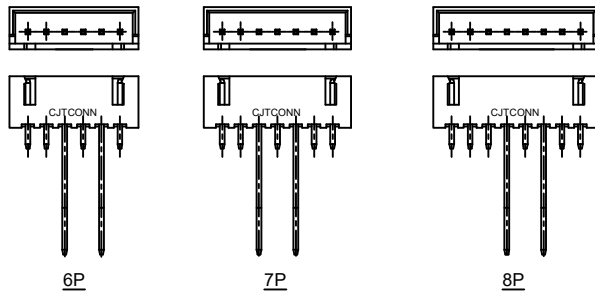
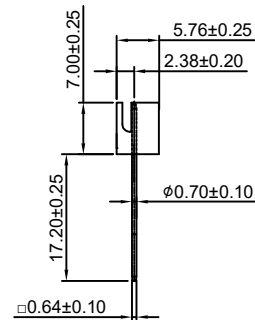
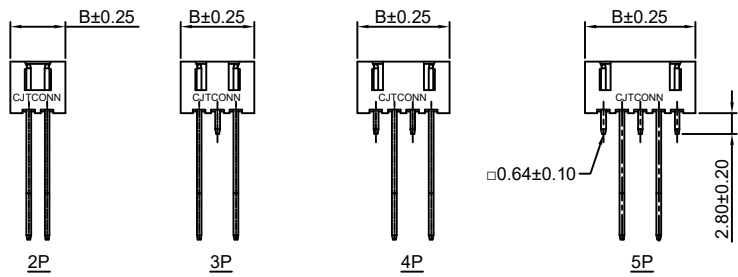
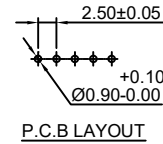
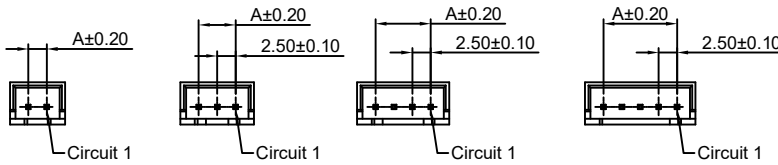
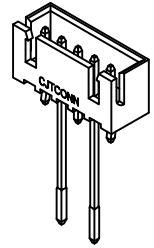
#### Reference Informations:

\*Material:Pin:Brass/Tin over Nickel

Insulator:Nylon66,UL94V-0

\*Mates with HDGC2501H,HB-XP series Housing

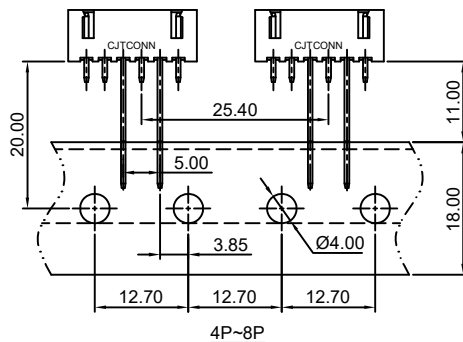
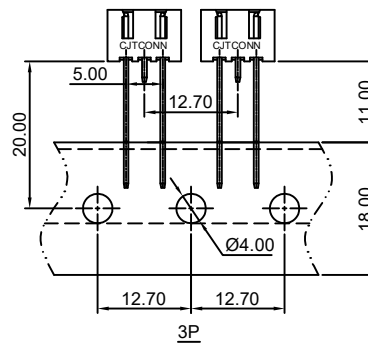
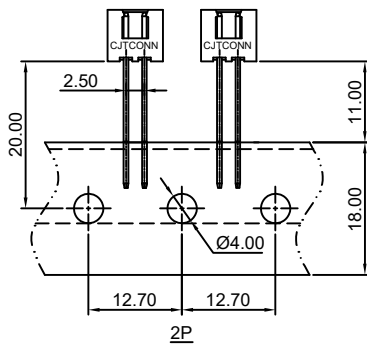
\*Color:White



#### Ordering Information:

HDGC2501WVT-XP - \*\*\* - \*\* - \*\*  
1 2 3 4

- Part No
- Material:  
(Blank):Nylon 66,UL94V-0  
GWT:Nylon 66,UL94V-0,GWT 750 °C
- Color:  
(blank):White  
BL:Blue BK:Black  
RD:Red YL:Yellow  
GN:Green
- 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



## HDGC2501 Series 2.50mm (.098") Pitch Wire to Board and Wire to Wire Connector

### HDGC2501HWV-XP

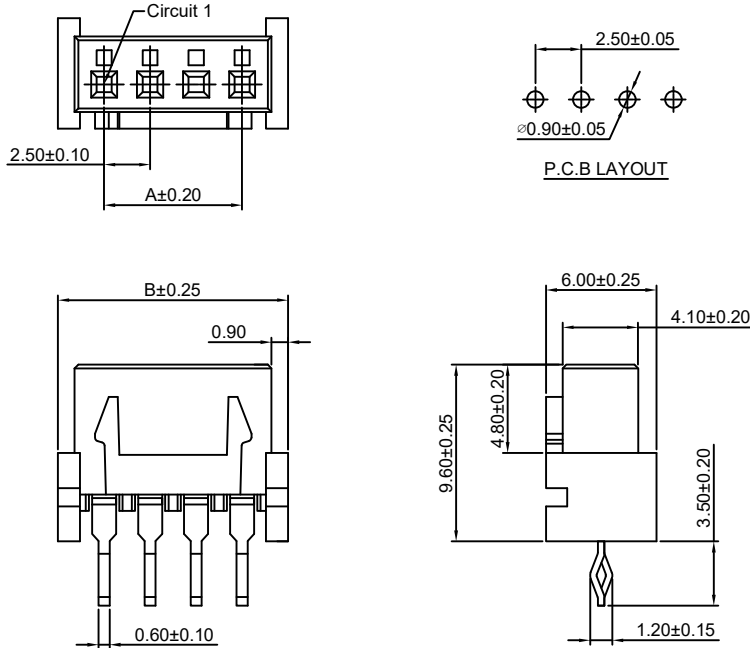
2.50mm pitch 180° Wafer

#### Reference Informations:

\*Material: Pin: Phosphor Bronze/Tin over Nickel  
Insulator: Nylon 66, UL94V-0

\*Mates with HDGC2501HMB-XP series Housing or HDGC2501WV, WR, WV-S, WR-S, WV-F-XP, HDGC2501WRB, WVR, WVT-XP series Wafer

\*Color: White



#### Ordering Information:

HDGC2501HWV-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	2.50	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

### HDGC2501HWR-XP

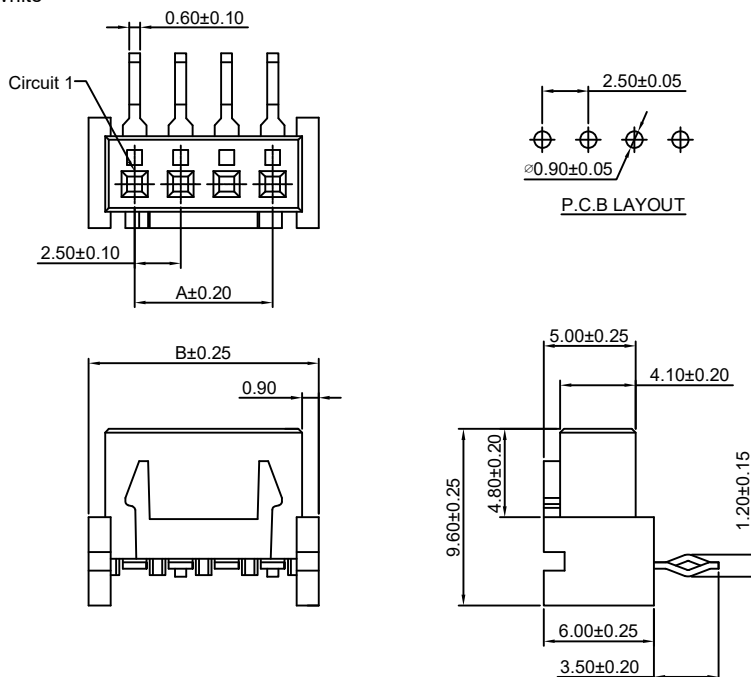
2.50mm pitch 90° Wafer

#### Reference Informations:

\*Material: Pin: Phosphor Bronze/Tin over Nickel  
Insulator: Nylon 66, UL94V-0

\*Mates with HDGC2501HMB-XP series Housing or HDGC2501WV, WR, WV-S, WR-S, WV-F-XP, HDGC2501WRB, WVR, WVT-XP series Wafer

\*Color: White



#### Ordering Information:

HDGC2501HWR-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	2.50	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