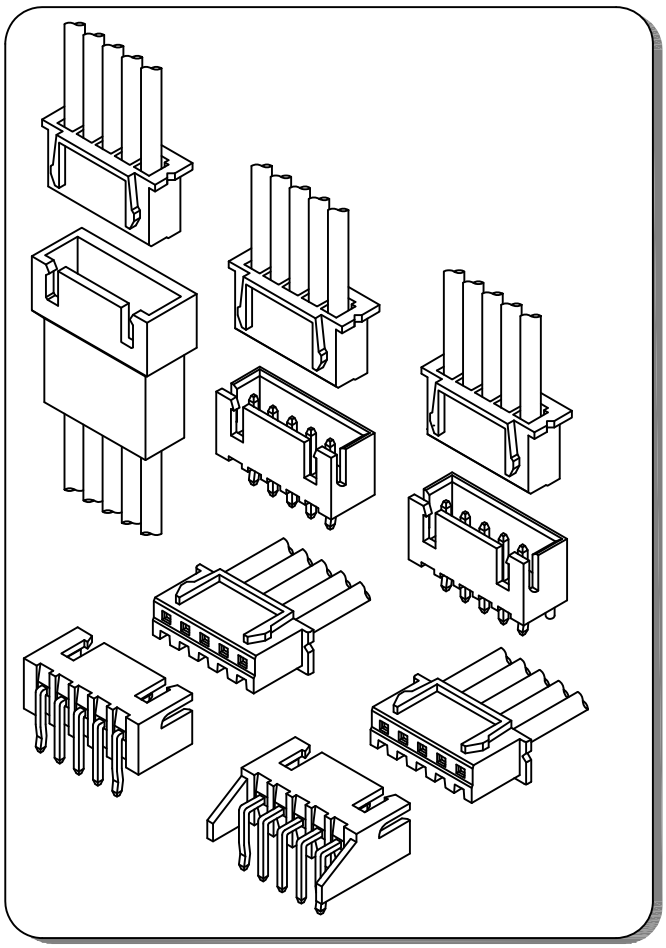
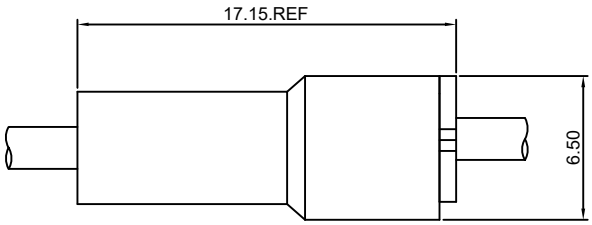
HDGC2501 Series 2.50mm (.098") Pitch Wire to Board and Wire to Wire Connector



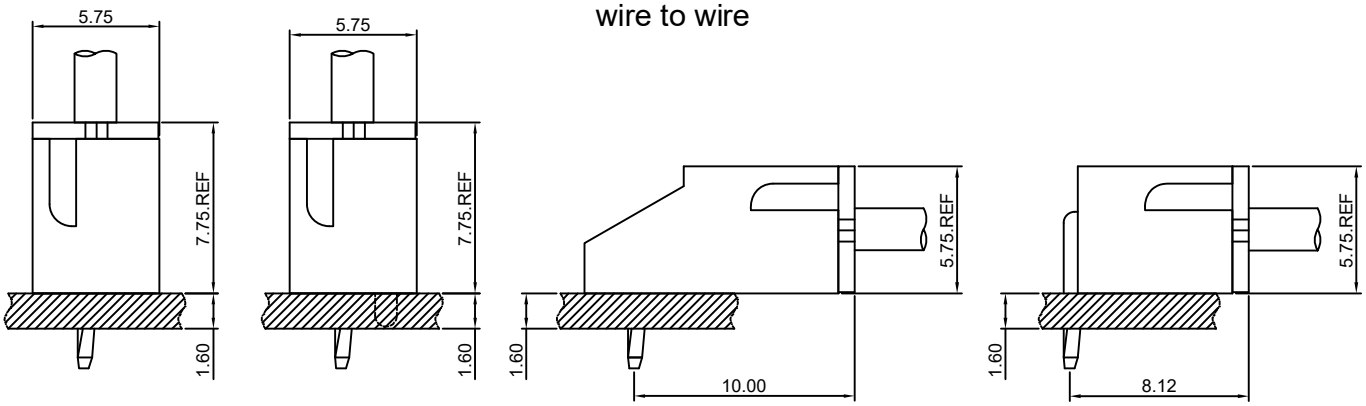
## Specifications

Current rating:3A AC,DC
Voltage rating:250V AC,DC
Temperature range:-25°C~+85°C
Contact resistance:10mΩMax.
Insulation resistance:1000MΩMin.
Withstanding voltage:800V AC/minute
*Compliant with RoHS and REACH*
*Meet the HF/Halogen Free,need to customize*
*Contact HDGC for details*

## Assembly layout




wire to wire



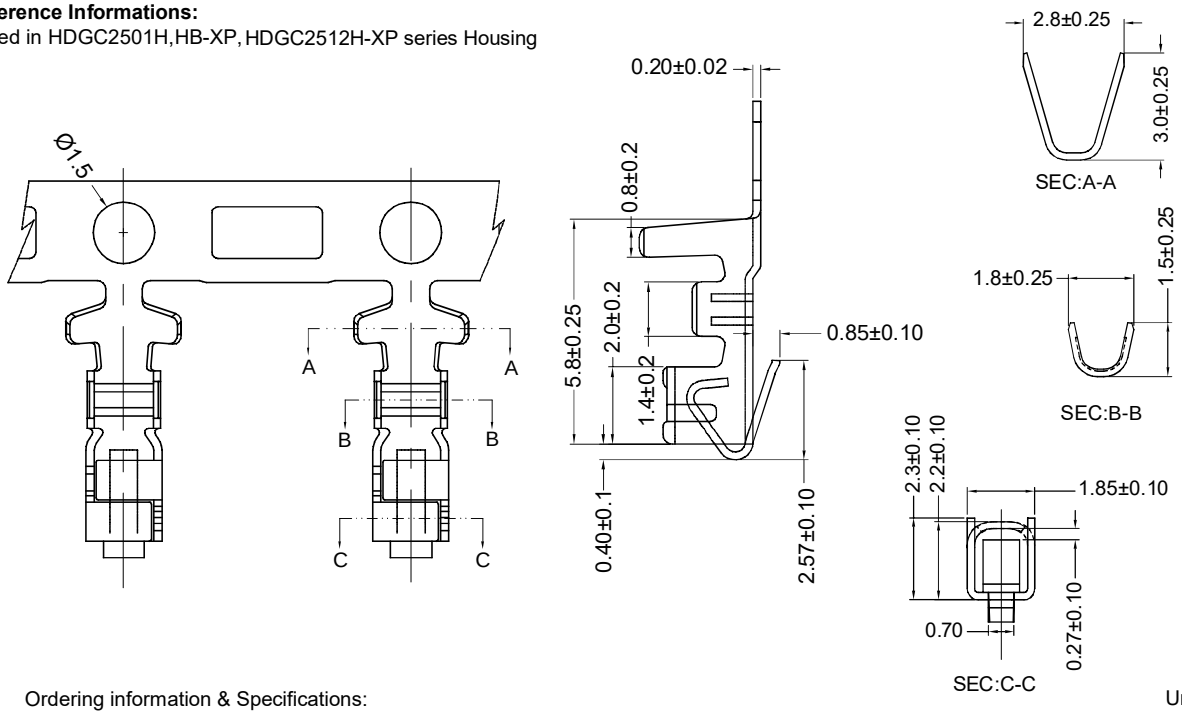

wire to board

## 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:

Unit:mm

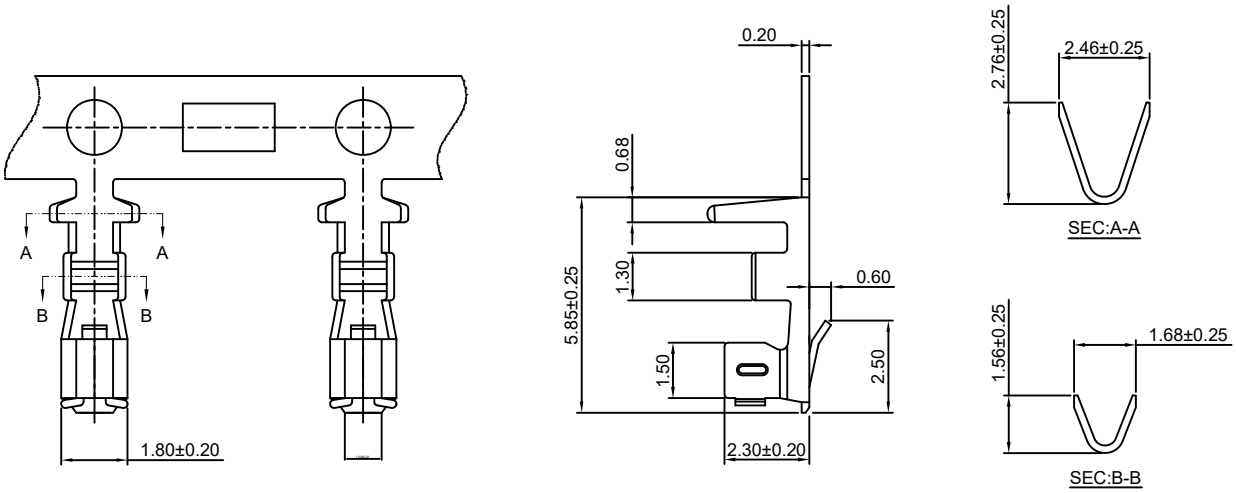
| Part NO. | Wire Range | Insulation O.D. | Material | Finish | Qty/reel |
|---|---|---|---|---|---|
| HDGC2501-TP | AWG#22-#28 | 1.90mm(max) | Phosphor Bronze | Tin over Nickel | 9,000 PCS |
| HDGC2501-GP | AWG#22-#28 | 1.90mm(max) | Phosphor Bronze | Gold over Nickel | 9,000 PCS |

Optional Gold plating available but MOQ requested

# HDGC2501-T-A

2.50mm pitch Crimp Terminal

**Reference Informations:**
*Used in HDGC2501H,HB-XP,HDGC2512H,HA,HB-XP series Housing




Ordering information & Specifications:

Unit:mm

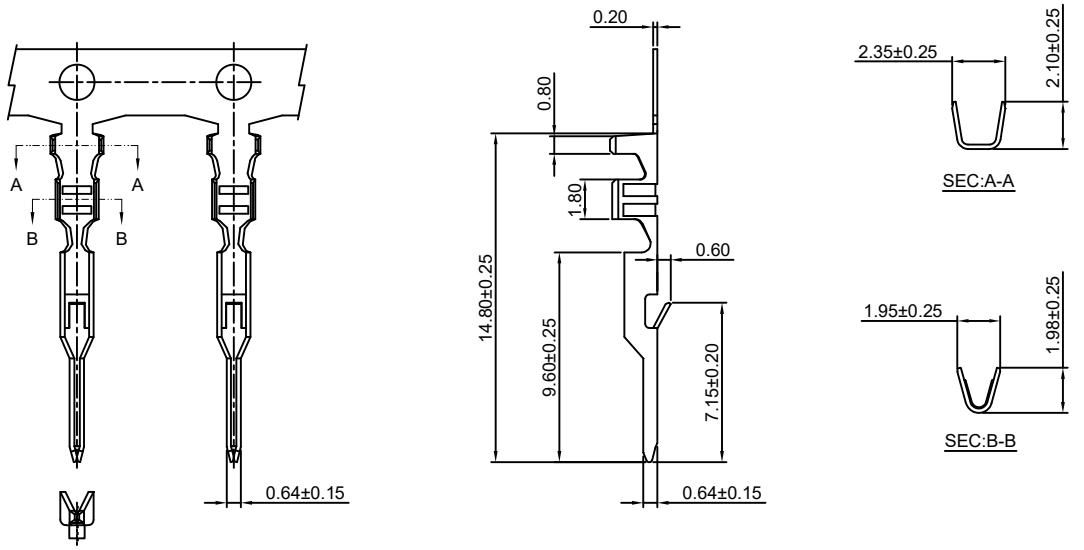
| Part NO. | Wire Range | Insulation O.D. | Material | Finish | Qty/reel |
|---|---|---|---|---|---|
| HDGC2501-TP-A | AWG#22-#28 | 1.90mm(max) | Phosphor Bronze | Tin over Nickel | 15,000 PCS |
| HDGC2501-GP-A | AWG#22-#28 | 1.90mm(max) | Phosphor Bronze | Gold over Nickel | 15,000 PCS |

Optional Gold plating available but MOQ requested

# 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



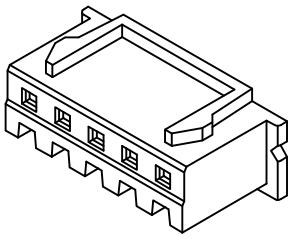

Ordering information & Specifications: Unit:mm

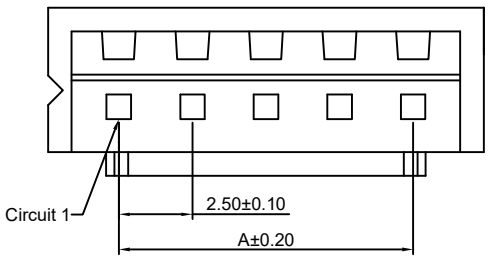
| Part NO. | Wire Range | Insulation O.D. | Material | Finish | Qty/reel |
|---|---|---|---|---|---|
| HDGC2501M-TB | AWG#22-#28 | 1.00mm(max) | Brass | Tin over Nickel | 10,000 PCS |
| HDGC2501M-TP | AWG#22-#28 | 1.00mm(max) | Phosphor Bronze | Tin over Nickel | 10,000 PCS |
| HDGC2501M-GB | AWG#22-#28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

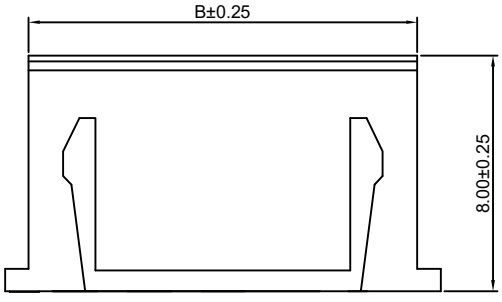
## HDGC2501H-XP — 2.50mm pitch Housing

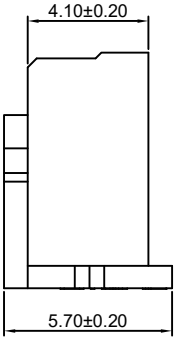
**Reference Informations:**
*Material:Nylon 66,UL94V-0
*Suitable HDGC2501-T(-A) series Terminal
*Mates with HDGC2501HMB-XP series Housing or HDGC2501WV(-F),WR,WV-S,WR-S-XP,
HDGC2501WRB,WVR,HDGC2501WVC(-F)-XP,WVT-XP,
HDGC2512WVA,WRA,WVA-F,WVRA,WVT-XP series Wafer
*Color: White






Ordering Information:
HDGC2501H-XP - *** - **
1 2 3
1.Part No
2.Material:
(Blank):Nylon 66,UL94V-0
GWT:Nylon 66,UL94V-0,GWT 750℃
3.Color:
(blank):White
BL:Blue BK:Black
RD:Red YL:Yellow
GN:Green OR:Orange
BR:Brown LY:Lemon yellow
VY:Vivid yellow




Ordering Information & Dimensions:

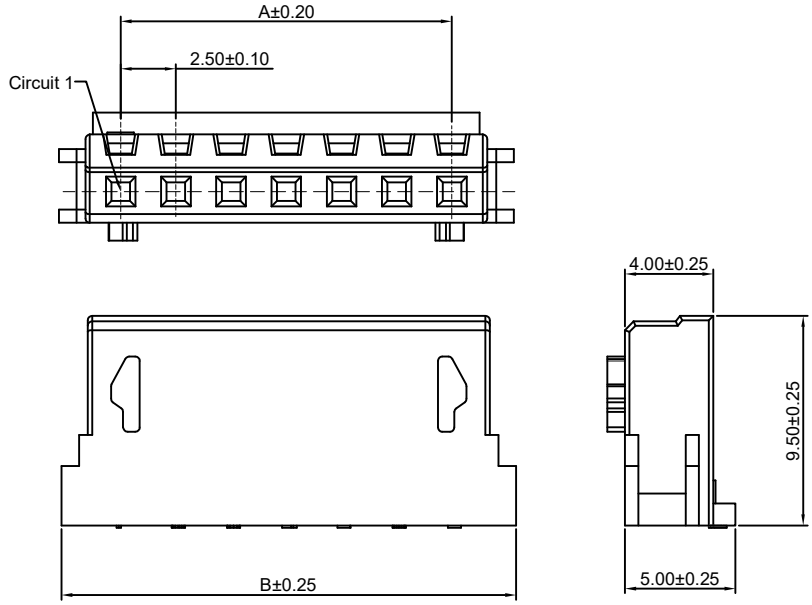
| PART NO. | Dimensions | |
|---|---|---|
| | A | B |
| 2P | 2.50 | 5.70 |
| 3P | 5.00 | 8.20 |
| 4P | 7.50 | 10.70 |
| 5P | 10.00 | 13.20 |
| 6P | 12.50 | 15.70 |
| 7P | 15.00 | 18.20 |
| 8P | 17.50 | 20.70 |
| 9P | 20.00 | 23.20 |
| 10P | 22.50 | 25.70 |
| 11P | 25.00 | 28.20 |
| 12P | 27.50 | 30.70 |
| 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 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
1.Part No.
2.Material:
(Blank):Nylon 66,UL94V-0
GWT:Nylon 66,UL94V-0,GWT 750℃
3.Color:
(Blank):White
BL:Blue
BK:Black
RD:Red
YL:Yellow
GN:Green

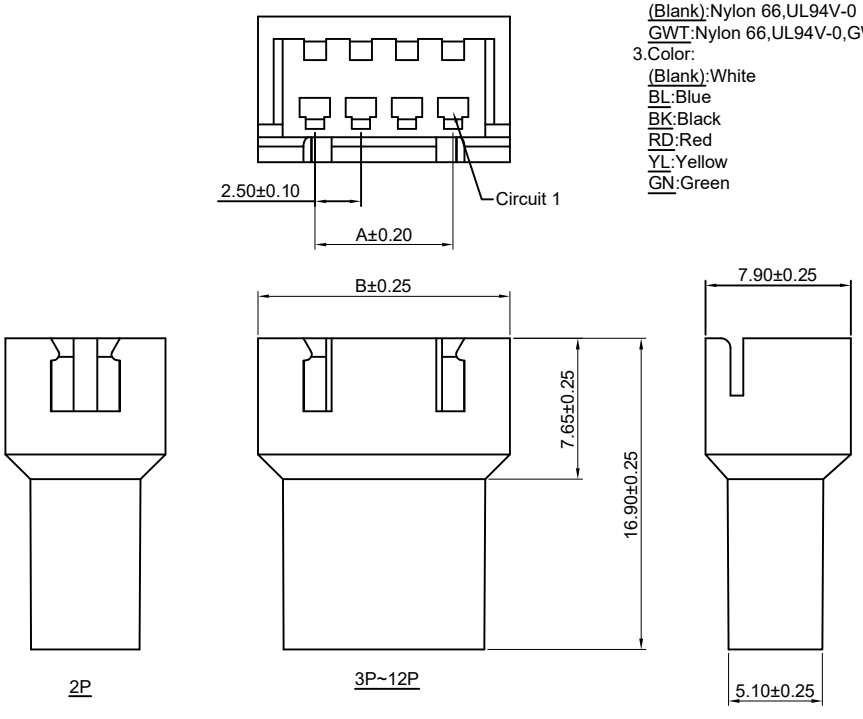
Ordering Information & Dimensions:

| 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
1.Part No.
2.Material:
(Blank):Nylon 66,UL94V-0
GWT:Nylon 66,UL94V-0,GWT 750℃
3.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 |

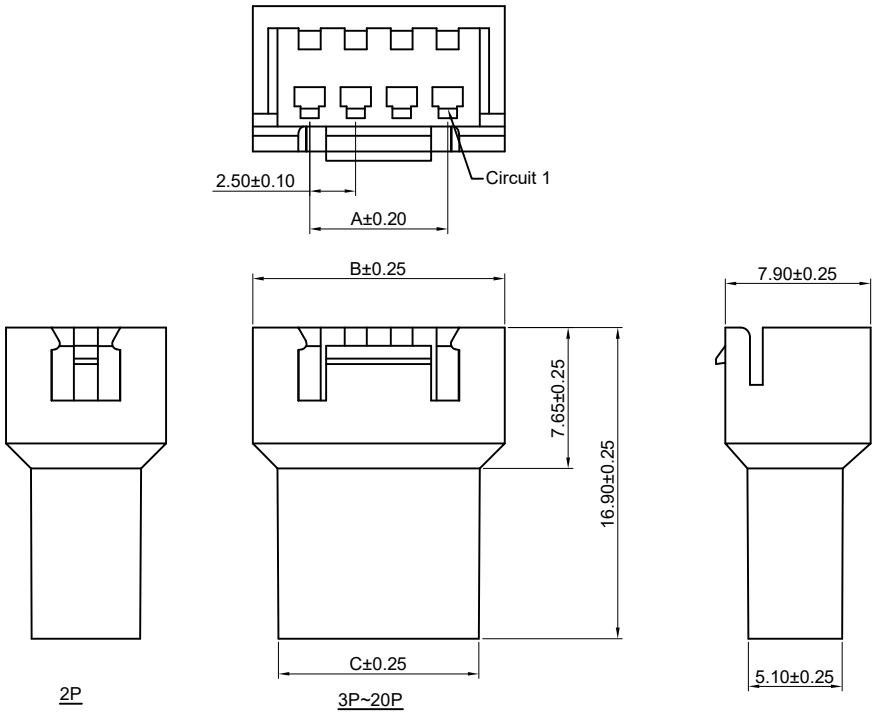
Unit: mm

# 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℃




Ordering Information & Dimensions:

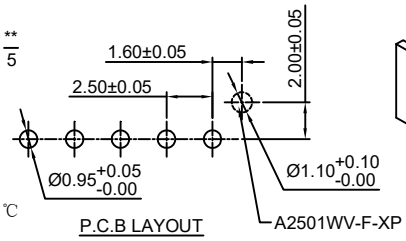
| PART NO. | Dimensions | | |
|---|---|---|---|
| | A | B | C |
| 2P | 2.50 | 8.70 | 5.90 |
| 3P | 5.00 | 11.20 | 8.40 |
| 4P | 7.50 | 13.70 | 10.90 |
| 5P | 10.00 | 16.20 | 13.40 |
| 6P | 12.50 | 18.70 | 15.90 |
| 7P | 15.00 | 21.20 | 18.40 |
| 8P | 17.50 | 23.70 | 20.90 |
| 9P | 20.00 | 26.20 | 23.40 |
| 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 |

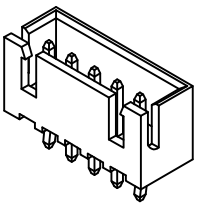
Unit: mm

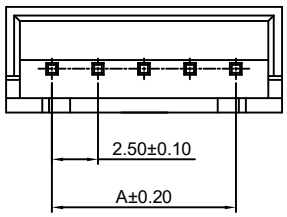
## HDGC2501WV(-F)-XP — 2.50mm pitch 180° Wafer

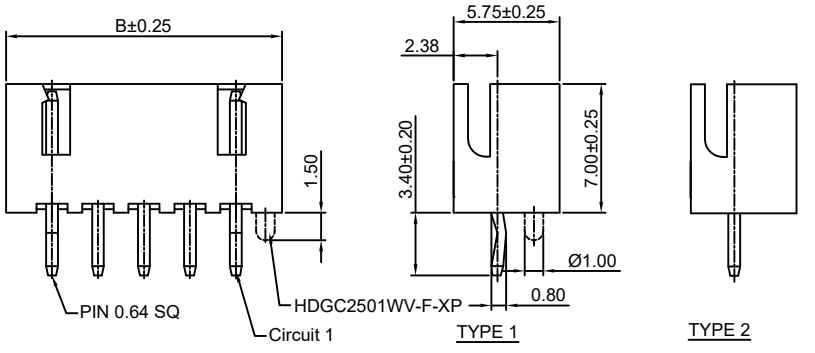
**Reference Informations:**
*Material:Pin:Brass/Tin over Nickel
Insulator:Nylon 66,UL94V-0
*Mates with HDGC2501H,HB-XP series Housing
*Color:White

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℃
4.Color:
(blank):White
BL:Blue BK:Black
RD:Red YL:Yellow
GN:Green OR:Orange
BR:Brown LY:Lemon yellow
VY:Vivid yellow
5.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

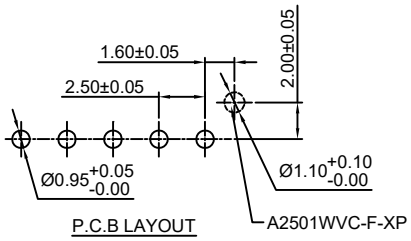
# HDGC2501 Series 2.50mm (.098") Pitch Wire to Board and Wire to Connector

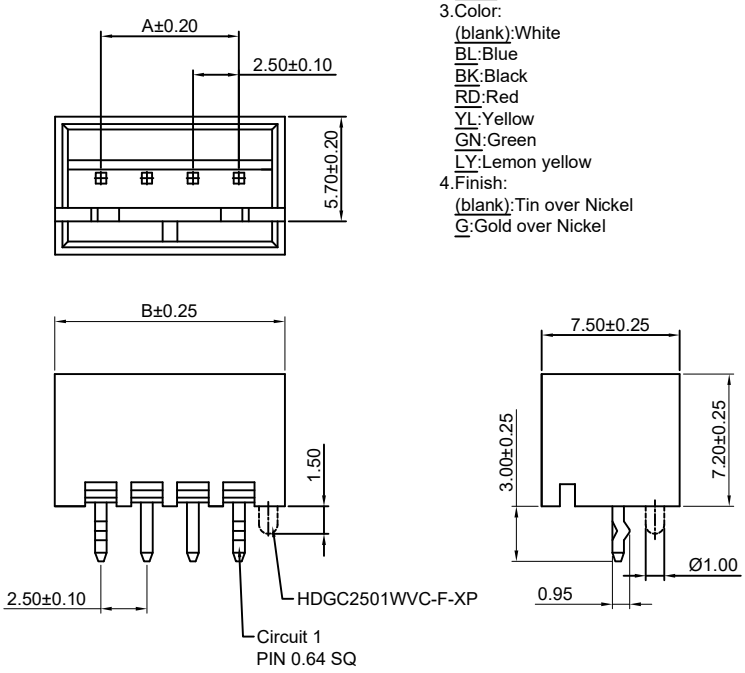
## HDGC2501WVC(-F)-XP — 2.50mm pitch 180° Wafer

**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 - *** - ** - **
1 2 3 4

1.Part No
2.Material:
(Blank):Nylon 66,UL94V-0
GWT:Nylon 66,UL94V-0,GWT 750℃
3.Color:
(blank):White
BL:Blue
BK:Black
RD:Red
YL:Yellow
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 | 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 |

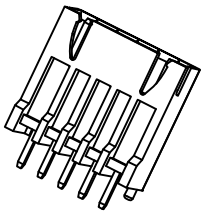
Unit: mm

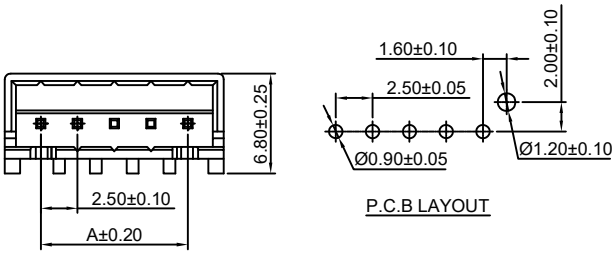
## HDGC2501WV-F-XP-H — 2.50mm pitch 180° Wafer - With Boss

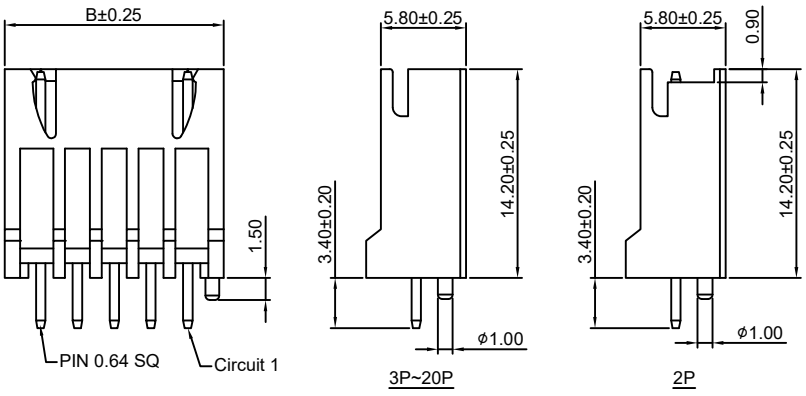
**Reference Informations:**
*Material:Pin:Brass/Tin over Nickel
Insulator:Nylon 66,UL94V-0
*Mates with HDGC2501H,HB-XP series Housing
*Color:White

Ordering Information:
HDGC2501WV-F-XP-H - *** - ** - **
1 2 3 4

1.Part No
2.Material:
(Blank):Nylon 66,UL94V-0
GWT:Nylon 66,UL94V-0,GWT 750℃
3.Color:
(blank):White
BL:Blue
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 |
| 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 Connector

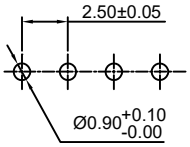
## HDGC2501WR-XP

2.50mm pitch 90° Wafer

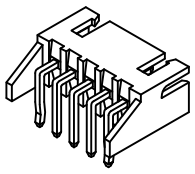
**Reference Informations:**
*Material:Pin:Brass/Tin over Nickel
Insulator:Nylon 66,UL94V-0
*Mates with HDGC2501H,HB-XP series Housing
*Color:White

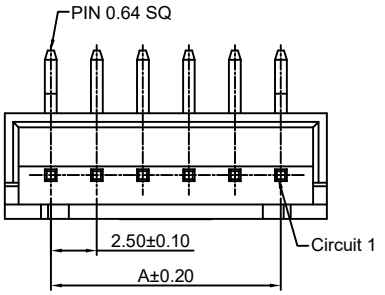
Ordering Information:
HDGC2501WR-XP - ** - *** - ** - **
1 2 3 4 5

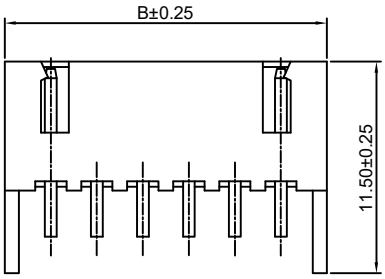
1.Part No
2.Style:
(blank) :Type 1
2 :Type 2
3.Material:
(Blank):Nylon 66,UL94V-0
GWT:Nylon 66,UL94V-0,GWT 750℃
4.Color:
(blank):White
BL:Blue BK:Black
RD:Red YL:Yellow
GN:Green OR:Orange
BR:Brown LY:Lemon yellow
VY:Vivid yellow
5.Finish:
(blank):Tin over Nickel
G:Gold over Nickel

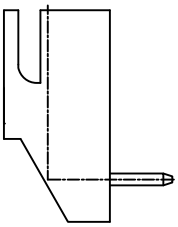


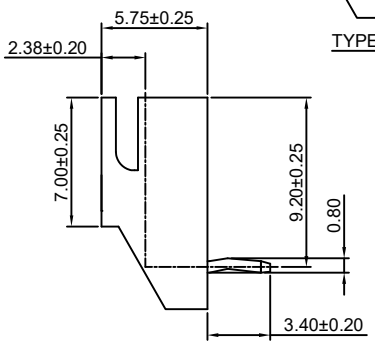
P.C.B LAYOUT







TYPE 2



TYPE 1

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

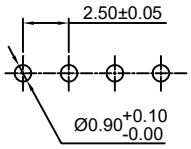
## HDGC2501WRB-XP

2.50mm pitch 90° Wafer

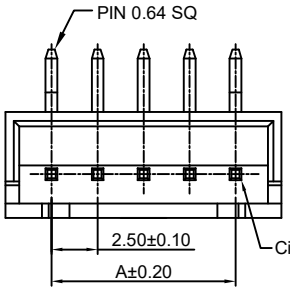
**Reference Informations:**
*Material:Pin:Brass/Tin over Nickel
Insulator:Nylon 66,UL94V-0
*Mates with HDGC2501H,HB-XP series Housing
*Color:White

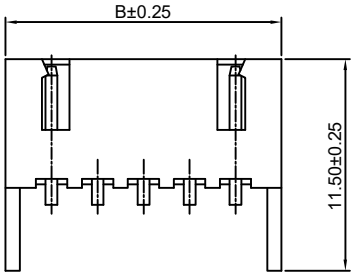
Ordering Information:
HDGC2501WRB-XP - ** - *** - ** - **
1 2 3 4 5

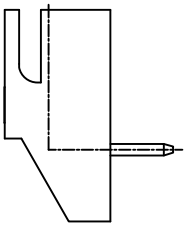
1.Part No
2.Style:
(blank) :Type 1
2 :Type 2
3.Material:
(Blank):Nylon 66,UL94V-0
GWT:Nylon 66,UL94V-0,GWT 750℃
4.Color:
(blank):White
BL:Blue BK:Black
RD:Red YL:Yellow
GN:Green OR:Orange
BR:Brown LY:Lemon yellow
VY:Vivid yellow
5.Finish:
(blank):Tin over Nickel
G:Gold over Nickel

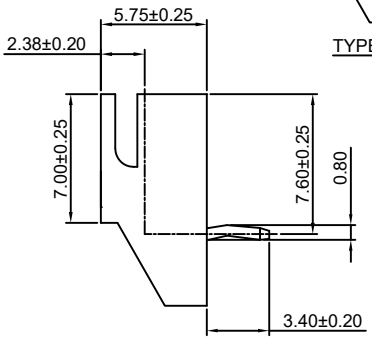


P.C.B LAYOUT





TYPE 2



TYPE 1

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 |

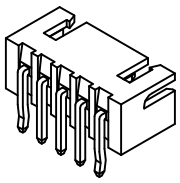
Unit: mm

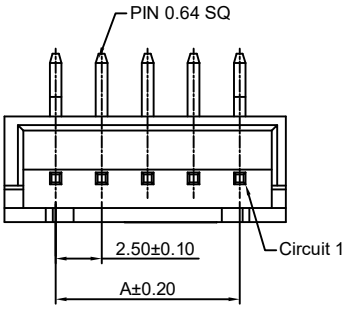
# HDGC2501 Series 2.50mm (.098") Pitch Wire to Board and Wire to Connector

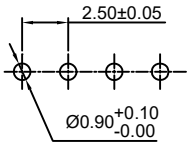
## HDGC2501WVR-XP — 2.50mm pitch 90° Wafer

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

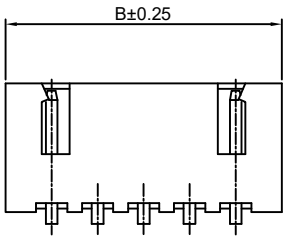
Ordering Information:
HDGC2501WVR-XP - ** - *** - ** - **
1 2 3 4 5
1.Part No
2.Style:
(blank) :Type 1
2 :Type 2
3.Material:
(Blank):Nylon 66,UL94V-0
GWT:Nylon 66,UL94V-0,GWT 750℃
4.Color:
(blank):White
BL:Blue
BK:Black
RD:Red
YL:Yellow
GN:Green
5.Finish:
(blank):Tin over Nickel
G:Gold over Nickel

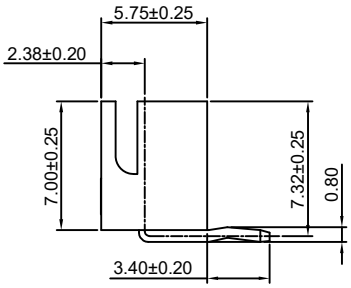




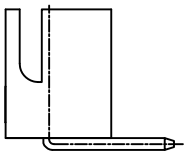



P.C.B LAYOUT



TYPE 1


TYPE 2

Ordering Information & Dimensions:

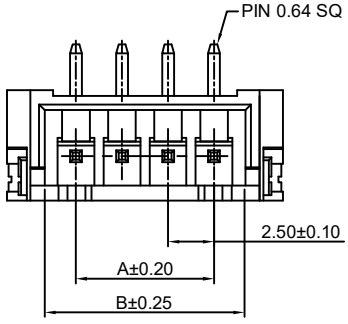
| PART NO. | Dimensions | |
|---|---|---|
| | A | B |
| 2P | 2.50 | 7.50 |
| 3P | 5.00 | 10.00 |
| 4P | 7.50 | 12.50 |
| 5P | 10.00 | 15.00 |
| 6P | 12.50 | 17.50 |
| 7P | 15.00 | 20.00 |
| 8P | 17.50 | 22.50 |
| 9P | 20.00 | 25.00 |
| 10P | 22.50 | 27.50 |
| 11P | 25.00 | 30.00 |
| 12P | 27.50 | 32.50 |
| 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 |

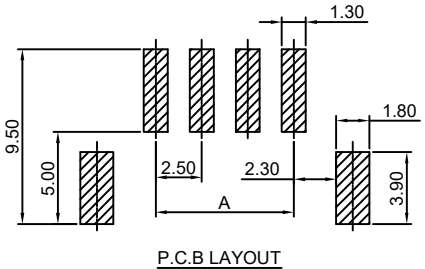
Unit: mm

## HDGC2501WV-S-XP — 2.50mm pitch 180° Wafer - SMT TYPE

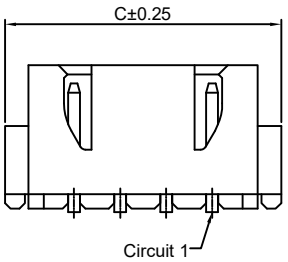
**Reference Informations:**
*Material:Pin:Brass/Tin over Nickel
Solder Tabs:Phosphor Bronze/Tin over Nickel
Insulator:LCP,UL94V-0
*Mates with HDGC2501H,HB-XP series Housing
*Color:Ivory

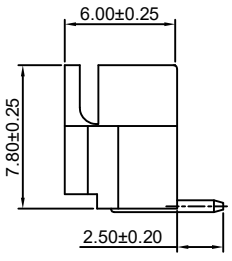
Ordering Information:
HDGC2501WV-S-XP - *** - ** - **
1 2 3 4
1.Part No.
2.Material:
(Blank):LCP,UL94V-0
GWT:LCP,UL94V-0,GWT 750℃
3.Color:
(blank):Ivory
BL:Blue
RD:Red
GN:Green
4.Finish:
(blank):Tin over Nickel
G:Gold over Nickel



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

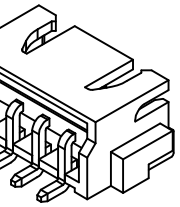
# HDGC2501 Series 2.50mm (.098") Pitch Wire to Board and Wire to Connector

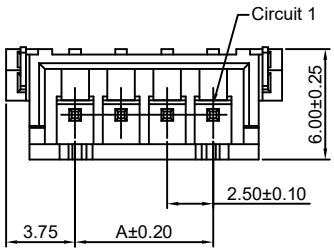
## HDGC2501WR-S-XP

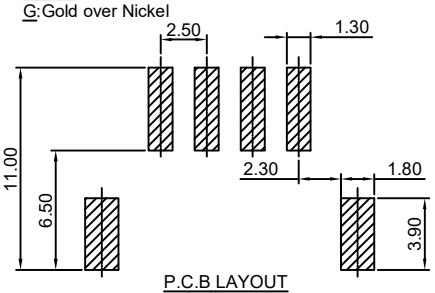
2.50mm pitch 90° Wafer - SMT TYPE

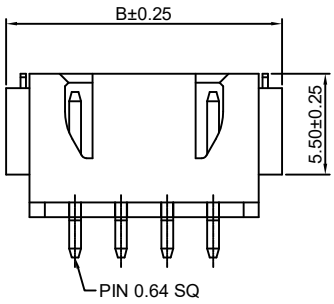
**Reference Informations:**
*Material:Pin:Brass/Tin over Nickel
Insulator:Nylon 6T,UL94V-0
*Mates with HDGC2501H,HB-XP series Housing
*Color:Ivory

Ordering Information:
HDGC2501WR-S-XP - *** - ** - **
1 2 3 4
1.Part No.
2.Material:
(Blank):Nylon 6T,UL94V-0
GWT:Nylon 6T,UL94V-0,GWT 750℃
3.Color:
(blank):Ivory
BL:Blue RD:Red
GN:Green LY:Lemon yellow
4.Finish:
(blank):Tin over Nickel
G:Gold over Nickel

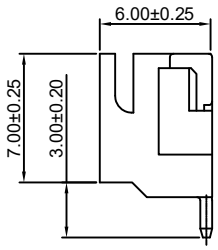





P.C.B LAYOUT




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 |

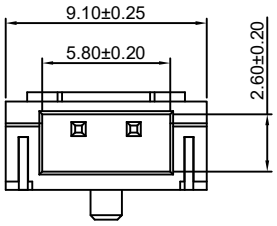
Unit: mm

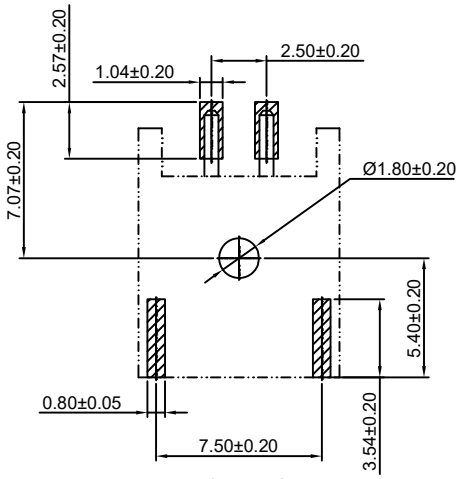
## HDGC2501WRA-S-F-2P

2.50mm pitch 90° Wafer - SMT TYPE

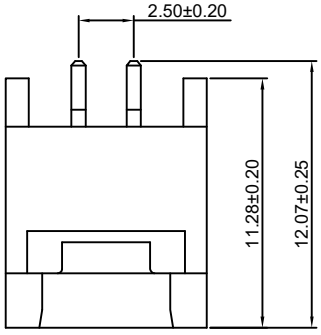
**Reference Informations:**
*Material:Pin:Copper Alloy/Tin over Nickel
Insulator:Nylon 9T,UL94V-0
*Color:Ivory

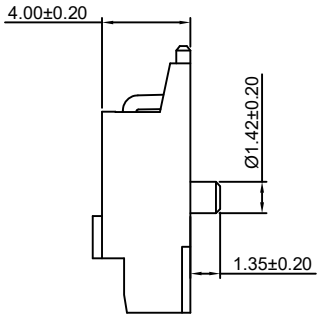
Ordering Information:
HDGC2501WRA-S-F-2P - *** - **
1 2 3
1.Part No.
2.Material:
(Blank):Nylon 9T,UL94V-0
GWT:Nylon 9T,UL94V-0,GWT 750℃
3.Finish:
(blank):Tin over Nickel
G:Gold over Nickel




P.C.B LAYOUT




Unit: mm

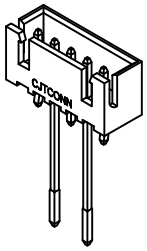
# HDGC2501 Series 2.50mm (.098") Pitch Wire to Board and Wire to Wire Connector

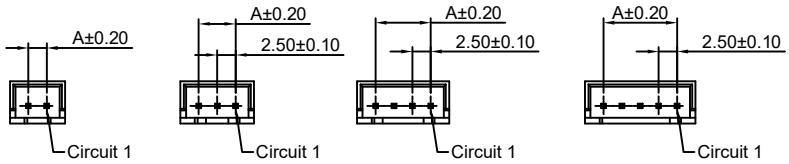
## HDGC2501WVT-XP

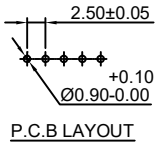
2.50mm pitch 180° Wafer ON RADIAL-TAPE

**Reference Informations:**

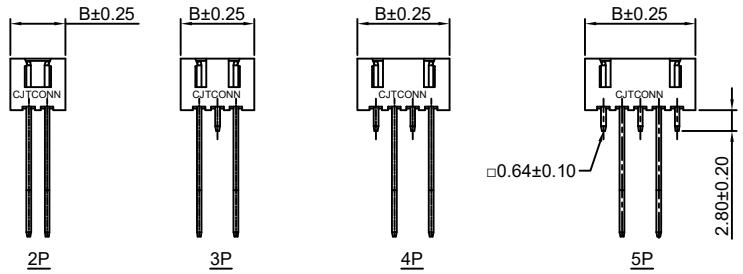
*Material:Pin:Brass/Tin over Nickel
Insulator:Nylon66,UL94V-0
*Mates with HDGC2501H,HB-XP series Housing
*Color:White

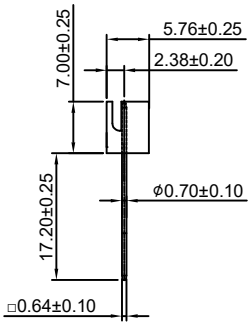


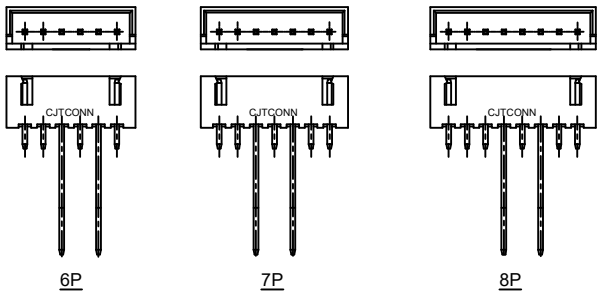



P.C.B LAYOUT



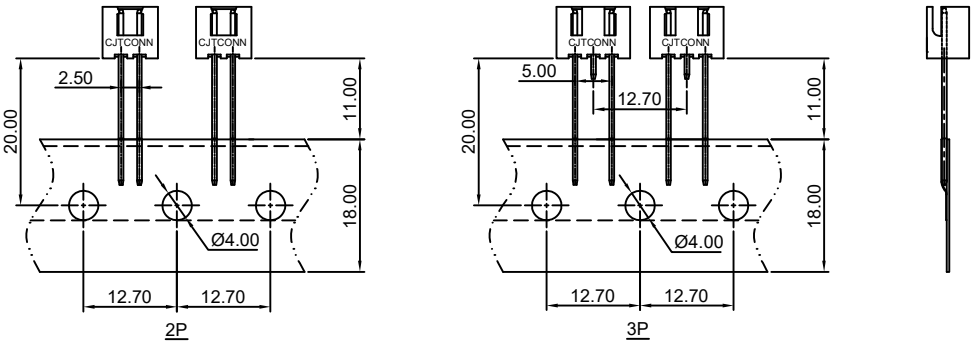



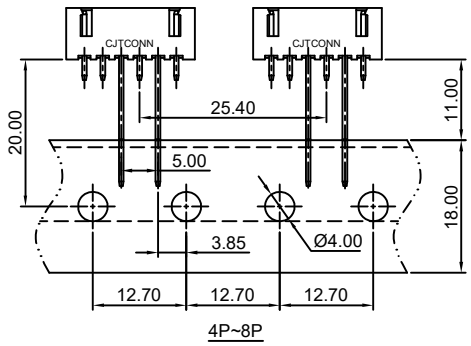




Ordering Information:

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

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




Ordering Information & Dimensions:

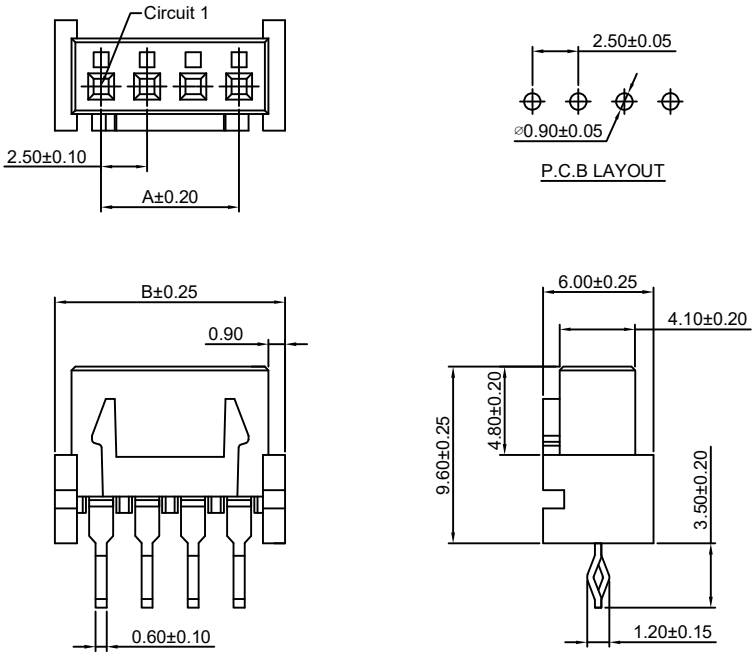
| PART NO. | Dimensions | |
|---|---|---|
| | A | B |
| 2P | 2.50 | 7.50 |
| 3P | 5.00 | 10.00 |
| 4P | 7.50 | 12.50 |
| 5P | 10.00 | 15.00 |
| 6P | 12.50 | 17.50 |
| 7P | 15.00 | 20.00 |
| 8P | 17.50 | 22.50 |

Unit: mm

# HDGC2501 Series 2.50mm (.098") Pitch Wire to Board and Wire to 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℃
3.Finish:
(blank):Tin over Nickel
G:Gold over Nickel

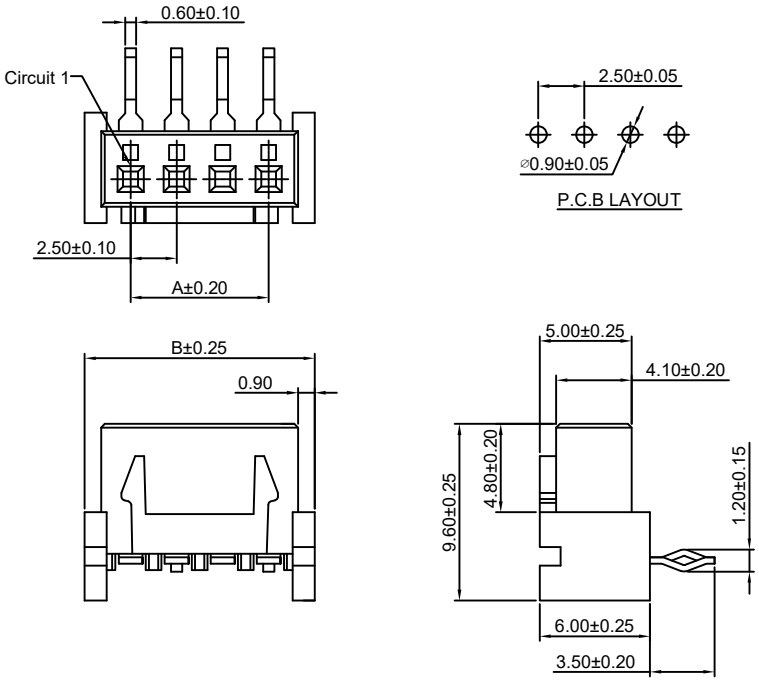
Ordering Information & Dimensions:

| 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℃
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