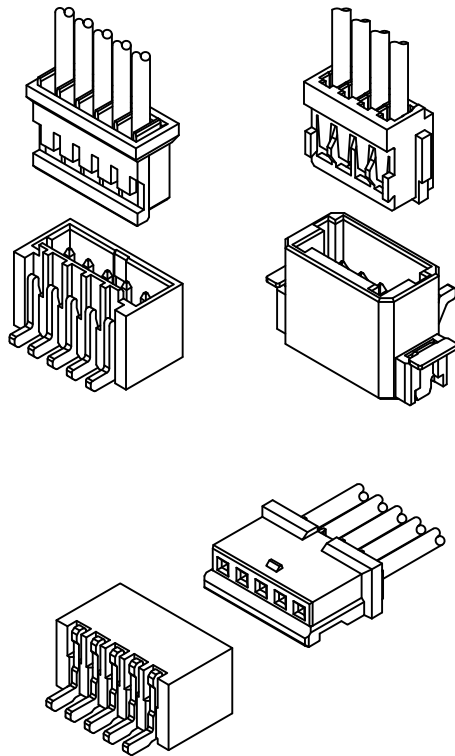
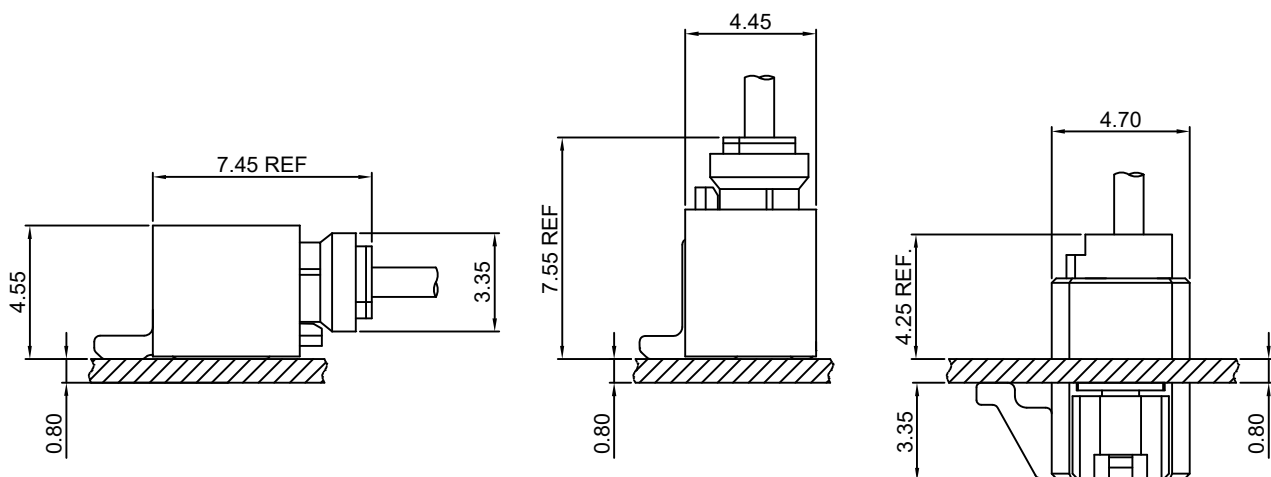




Specifications

Current rating: 3A AC, DC
 Voltage rating: 350V AC, DC
 Temperature range: -25°C ~ +85°C
 Contact resistance: 20mΩ Max.
 Insulation resistance: 1000MΩ Min.
 Withstanding voltage: 500V AC/minute
 Compliant with RoHS and REACH
 Meet the HF/Halogen Free, need to customize
 Contact HDGC for details

Assembly layout





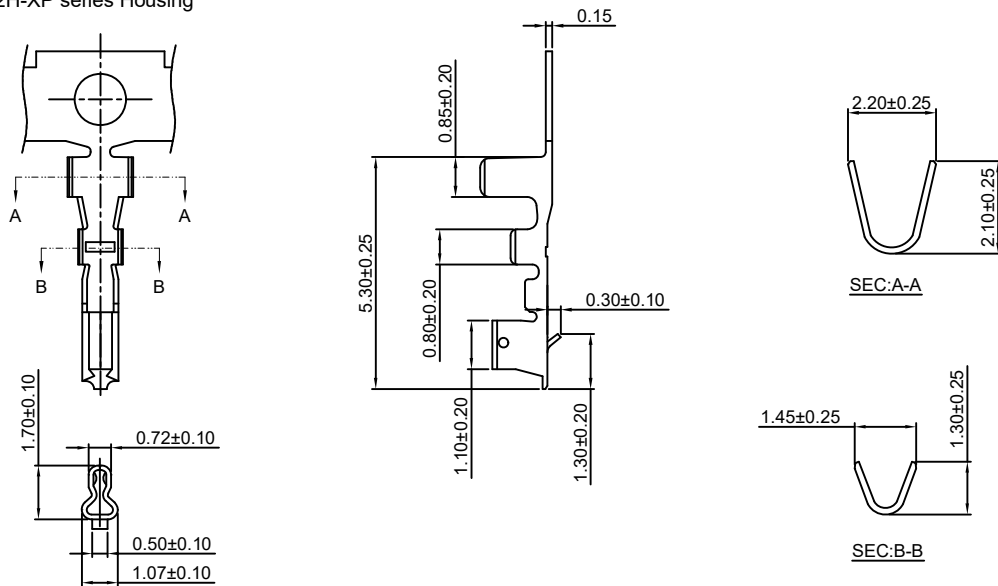
HDGC1502 Series 1.50mm (.059") Pitch Wire to Board Connector

HDGC1502-T

1.50mm pitch Crimp Terminal

Reference Informations:

*Used in HDGC1502H-XP series Housing



Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
HDGC1502-TP	AWG#24-#28	1.10mm(max)	Phosphor Bronze	Tin over Nickel	14,000 PCS
HDGC1502-GP	AWG#24-#28	1.10mm(max)	Phosphor Bronze	Gold over Nickel	14,000 PCS

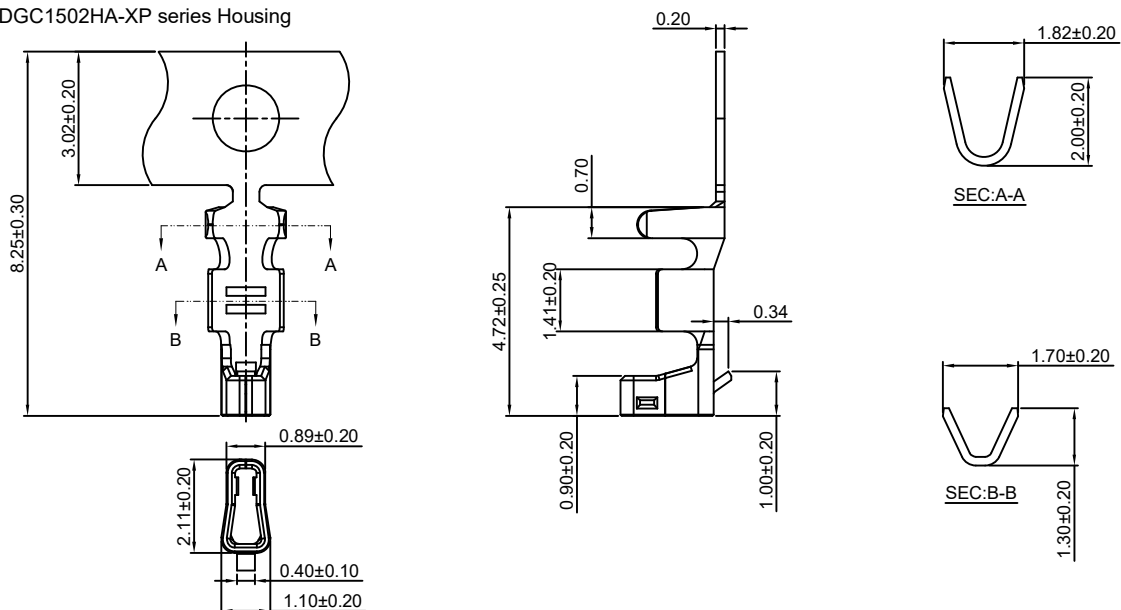
Optional Gold plating available but MOQ requested

HDGC1502-T-A

1.50mm pitch Crimp Terminal

Reference Informations:

*Used in HDGC1502HA-XP series Housing



Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
HDGC1502-TP-A	AWG#24-#28	1.10mm(max)	Phosphor Bronze	Tin over Nickel	10,000 PCS
HDGC1502-GP-A	AWG#24-#28	1.10mm(max)	Phosphor Bronze	Gold over Nickel	10,000 PCS

Optional Gold plating available but MOQ requested



HDGC1502 Series 1.50mm (.059") Pitch Wire to Board Connector

HDGC1502H-XP

1.50mm pitch Housing

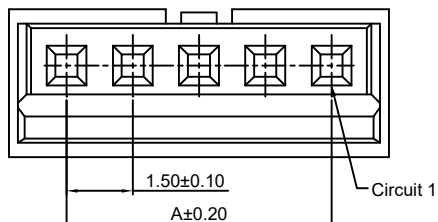
Reference Informations:

*Material:Nylon 66,UL94V-0

*Suitable HDGC1502-T series Terminal

*Mates with HDGC1502WV,WR,WV- S,WR-S,WVA,WRA-XP series Wafer

*Color:White



Ordering Information:

HDGC1502H-XP - $\frac{**}{1} - \frac{***}{2} - \frac{***}{3}$

1.Part No.

2.Color:

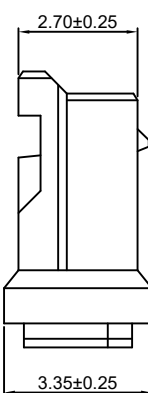
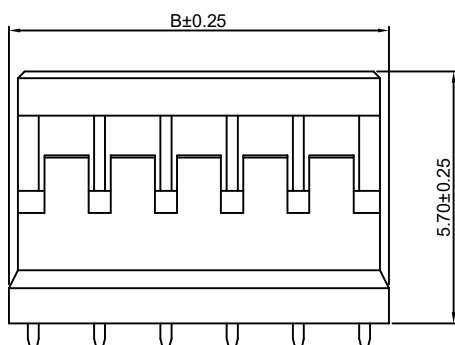
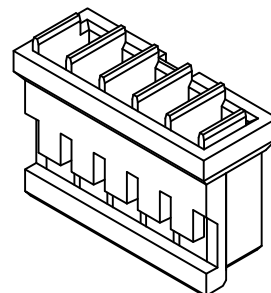
(blank) : White

BK : Black

3.Material:

(Blank):Nylon 66,UL94V-0

GWT :Nylon 66,UL94V-0 GWT 750 °C



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	1.50	4.10
3P	3.00	5.60
4P	4.50	7.10
5P	6.00	8.60
6P	7.50	10.10
7P	9.00	11.60
8P	10.50	13.10
9P	12.00	14.60
10P	13.50	16.10
11P	15.00	17.60
12P	16.50	19.10
13P	18.00	20.60
14P	19.50	22.10
15P	21.00	23.60

Unit: mm

HDGC1502HA-XP

1.50mm pitch Housing

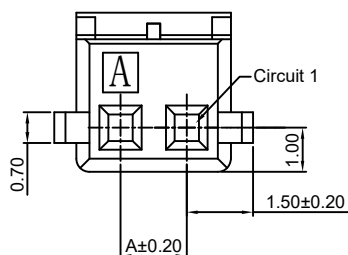
Reference Informations:

*Material:Nylon 66,UL94V-0

*Suitable HDGC1502-T-A series Terminal

*Mates with HDGC1502WVA-IT-S-XP series Wafer

*Color:White



Ordering Information:

HDGC1502HA-XP - $\frac{**}{1} - \frac{***}{2} - \frac{***}{3}$

1.Part No.

2.Color:

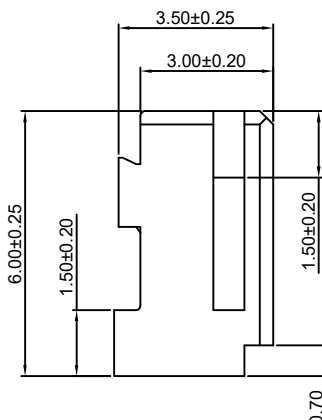
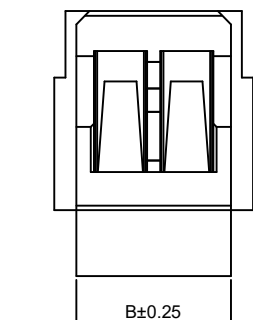
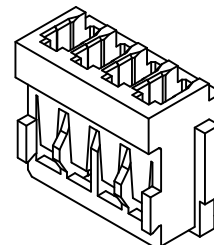
(blank) : White

BL : Blue

3.Material:

(Blank):Nylon 66,UL94V-0

GWT :Nylon 66,UL94V-0 GWT 750 °C



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	1.50	3.50
3P	3.00	5.00
4P	4.50	6.50
5P	6.00	8.00
6P	7.50	9.50
7P	9.00	11.00
8P	10.50	12.50
9P	12.00	14.00
10P	13.50	15.50
11P	15.00	17.00
12P	16.50	18.50
13P	18.00	20.00
14P	19.50	21.50
15P	21.00	23.00
16P	22.50	24.50
17P	24.00	26.00
18P	25.50	27.50
19P	27.00	29.00
20P	28.50	30.50

Unit: mm



HDGC1502 Series 1.50mm (.059") Pitch Wire to Board Connector

HDGC1502WV-XP

1.50mm pitch 180° Wafer

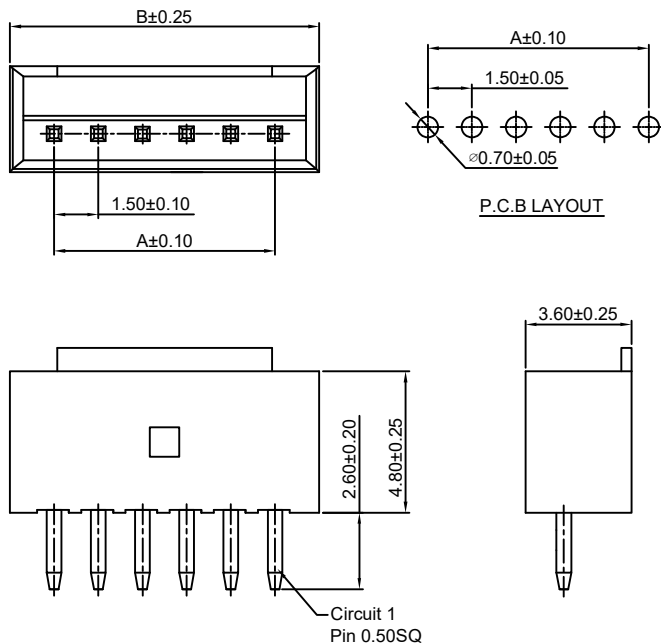
Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 66, UL94V-0
- *Mates with HDGC1502H-XP series Housing
- *Color: White

Ordering Information:

HDGC1502WV-XP - $\frac{***}{1} - \frac{**}{2} - \frac{**}{3} - \frac{**}{4}$

- Part No.
- Material:
(Blank): Nylon 66, UL94V-0
GWT: Nylon 66, UL94V-0 GWT 750°C
- Color:
(blank): White
BK: Black
- 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
14P	19.50	22.50
15P	21.00	24.00

Unit: mm

HDGC1502WR-XP

1.50mm pitch 90° Wafer

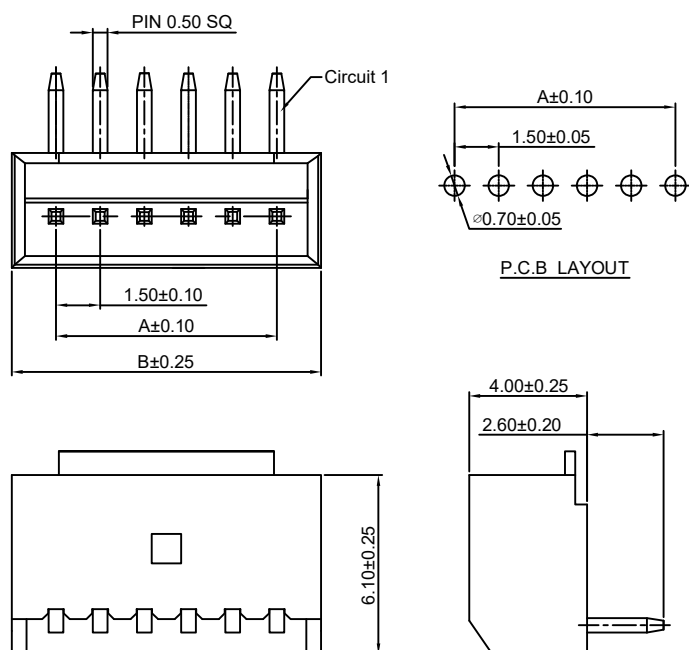
Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 66, UL94V-0
- *Mates with HDGC1502H-XP series Housing
- *Color: White

Ordering Information:

HDGC1502WR-XP - $\frac{***}{1} - \frac{**}{2} - \frac{**}{3} - \frac{**}{4}$

- Part No.
- Material:
(Blank): Nylon 66, UL94V-0
GWT: Nylon 66, UL94V-0 GWT 750°C
- Color:
(blank): White
BK: Black
- 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
14P	19.50	22.50
15P	21.00	24.00

Unit: mm



HDGC1502 Series 1.50mm (.059") Pitch Wire to Board Connector

HDGC1502WV-S-XP

1.50mm pitch 180° Wafer-SMT TYPE

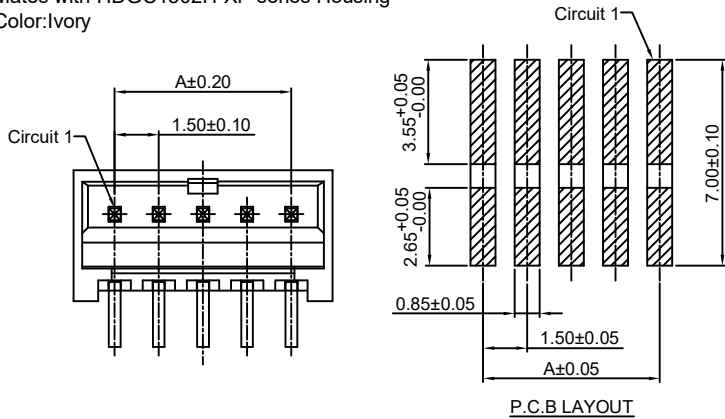
Reference Informations:

*Material:Pin:Brass/Tin over Nickel

Insulator:Nylon 6T,UL94V-0

*Mates with HDGC1502H-XP series Housing

*Color:Ivory



Ordering Information:

HDGC1502WV-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:

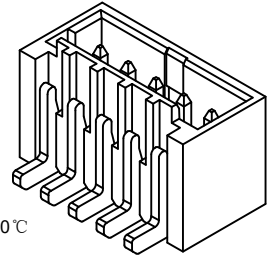
(blank):White

BK:Black

4.Finish:

(Blank):Tin over Nickel

G:Gold over Nickel



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	1.50	4.30
3P	3.00	5.80
4P	4.50	7.30
5P	6.00	8.80
6P	7.50	10.30
7P	9.00	11.80
8P	10.50	13.30
9P	12.00	14.80
10P	13.50	16.30
11P	15.00	17.80
12P	16.50	19.30
13P	18.00	20.80
14P	19.50	22.30
15P	21.00	23.80

Unit: mm

HDGC1502WR-S-XP

1.50mm pitch 90° Wafer-SMT TYPE

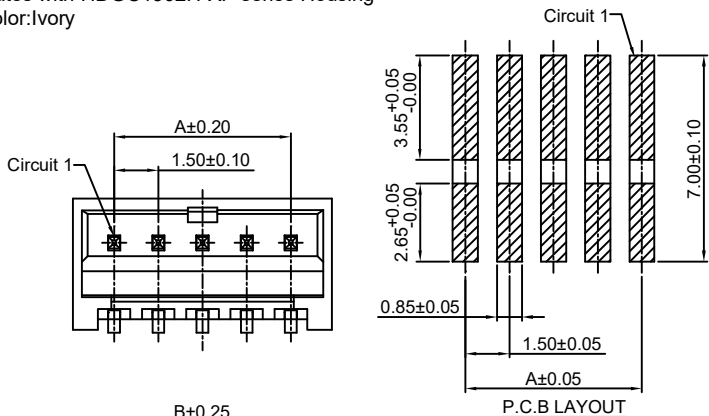
Reference Informations:

*Material:Pin:Brass/Tin over Nickel

Insulator:Nylon 6T,UL94V-0

*Mates with HDGC1502H-XP series Housing

*Color:Ivory



Ordering Information:

HDGC1502WR-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:

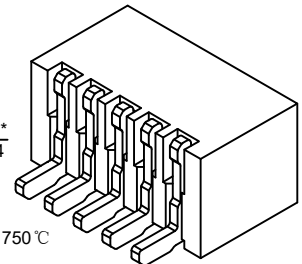
(blank):White

BK:Black

4.Finish:

(Blank):Tin over Nickel

G:Gold over Nickel



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	1.50	4.30
3P	3.00	5.80
4P	4.50	7.30
5P	6.00	8.80
6P	7.50	10.30
7P	9.00	11.80
8P	10.50	13.30
9P	12.00	14.80
10P	13.50	16.30
11P	15.00	17.80
12P	16.50	19.30
13P	18.00	20.80
14P	19.50	22.30
15P	21.00	23.80

Unit: mm



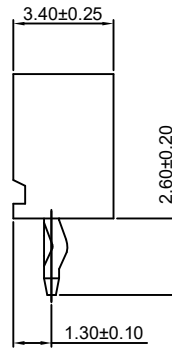
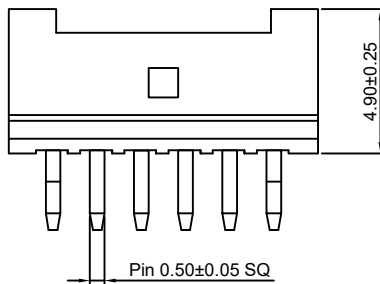
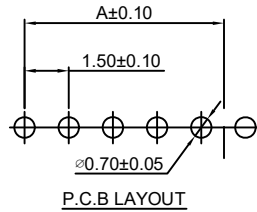
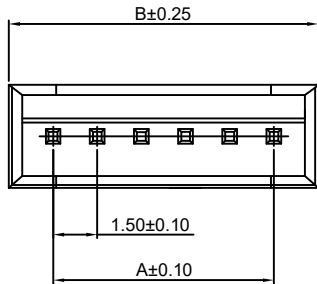
HDGC1502 Series 1.50mm (.059") Pitch Wire to Board Connector

HDGC1502WVA-XP

1.50mm pitch 180° Wafer

Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 66, UL94V-0
- *Mates with HDGC1502H-XP series Housing
- *Color: Gray



Ordering Information:

HDGC1502WVA-XP - *** - **
1 2 3

- Part No.
- Material:
(Blank): Nylon 66, UL94V-0
GWT: Nylon 66, UL94V-0, GWT 750 °C
- 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
14P	19.50	22.50
15P	21.00	24.00

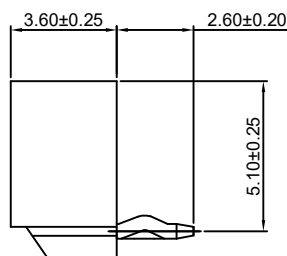
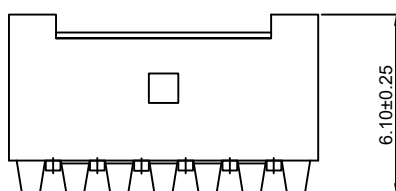
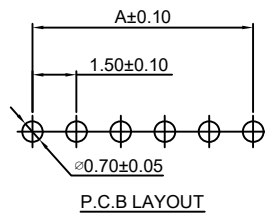
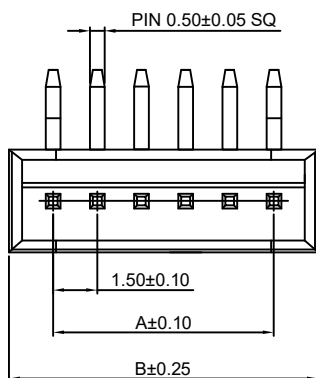
Unit: mm

HDGC1502WRA-XP

1.50mm pitch 90° Wafer

Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 66, UL94V-0
- *Mates with HDGC1502H-XP series Housing
- *Color: Gray



Ordering Information:

HDGC1502WRA-XP - *** - **
1 2 3

- Part No.
- Material:
(Blank): Nylon 66, UL94V-0
GWT : Nylon 66, UL94V-0 GWT 750 °C
- 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
14P	19.50	22.50
15P	21.00	24.00

Unit: mm



HDGC1502 Series 1.50mm (.059") Pitch Wire to Board Connector

HDGC1502WVA-IT-S-XP

1.50mm pitch thru board inverted SMT 180° Wafer

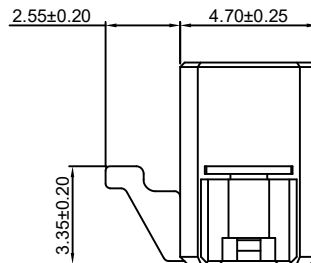
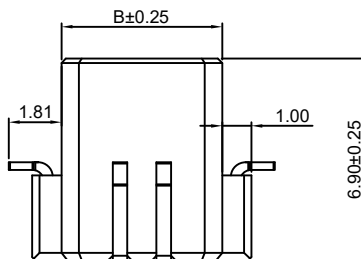
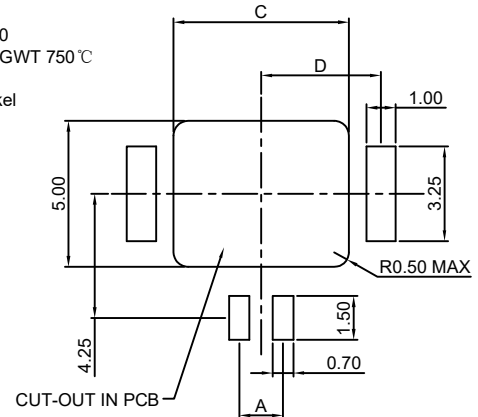
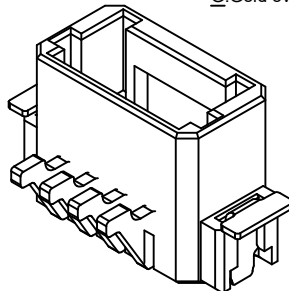
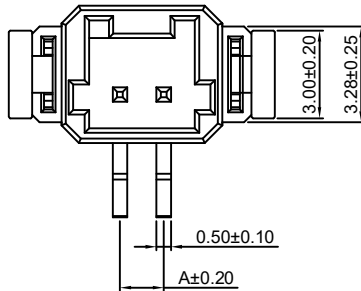
Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Solder Tabs: Brass/Tin over Nickel
Insulator: LCP, UL94V-0
- *Mates with HDGC1502HA-XP series Housing
- *Color: Ivory

Ordering Information:

HDGC1502WVA-IT-S-XP - ^{***}/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



Ordering Information & Dimensions:

PART NO.	Dimensions			
	A	B	C	D
2P	1.50	5.50	6.00	4.10
3P	3.00	7.00	7.50	4.85
4P	4.50	8.50	9.00	5.60
5P	6.00	10.00	10.50	6.35
6P	7.50	11.50	12.00	7.10

Unit: mm