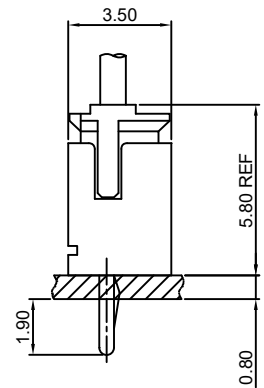
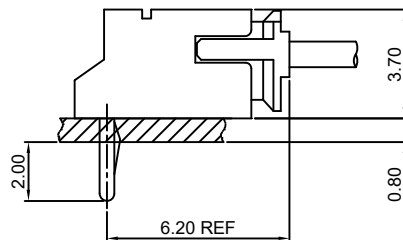
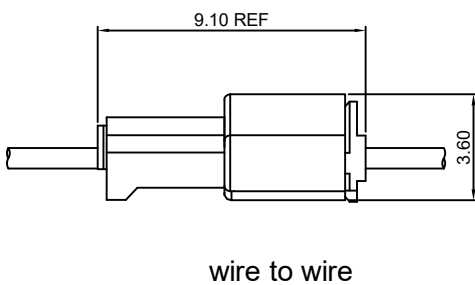


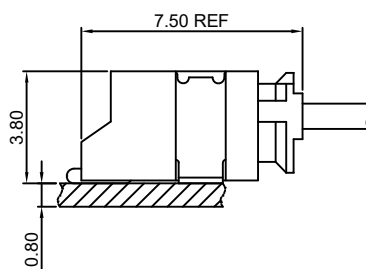
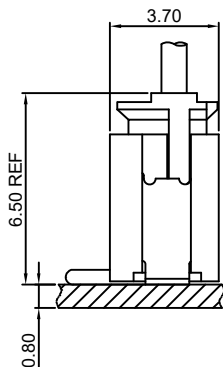
Specifications

- Current rating: 1A AC, DC
- Voltage rating: 100V AC, DC
- Temperature range: -25°C ~ +85°C
- Contact resistance: 20mΩ Max.
- Insulation resistance: 500MΩ Min.
- Withstanding voltage: 500V AC/minute
- *Compliant with RoHS and REACH*
- *Meet the HF/Halogen Free, need to customize*
- *Contact HDGC for details*

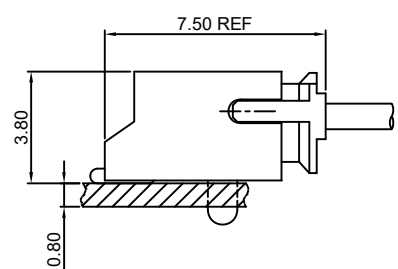
Assembly layout



DIP TYPE



SMT TYPE





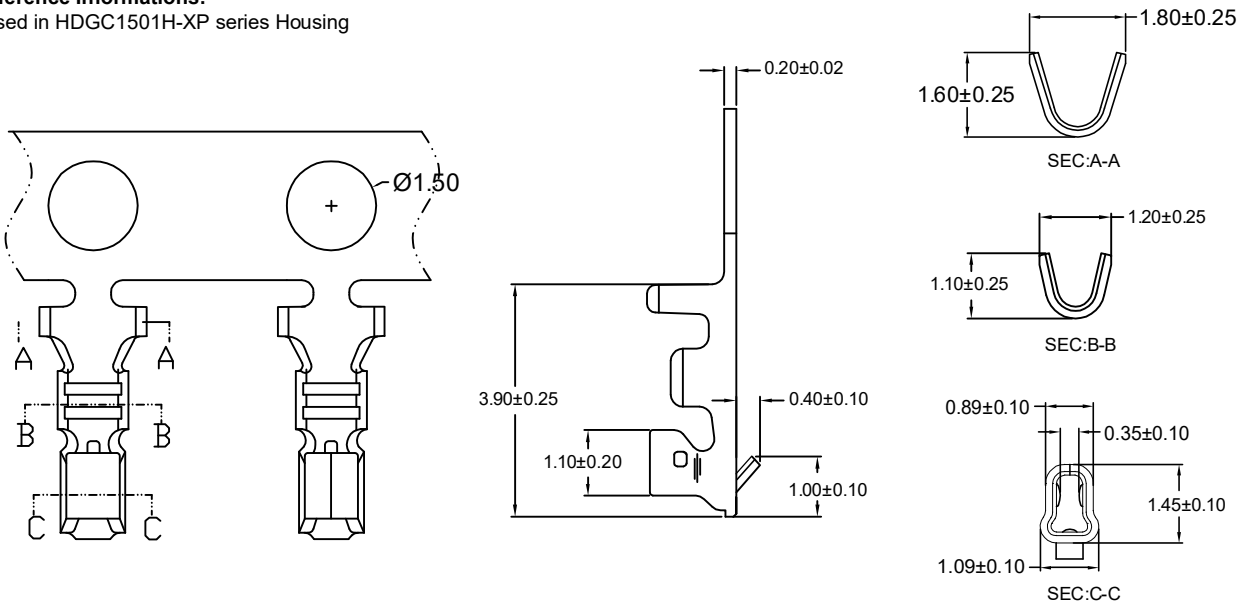
HDGC1501 Series 1.50mm (.059") Pitch Wire to Board and Wire to Wire Connector

HDGC1501-T

1.50mm pitch Crimp Terminal

Reference Informations:

*Used in HDGC1501H-XP series Housing



Ordering Information & Dimensions:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
HDGC1501-TP	AWG#26-#32	1.10mm(max)	Phosphor Bronze	Tin over Nickel	19,000 PCS
HDGC1501-GP	AWG#26-#32	1.10mm(max)	Phosphor Bronze	Gold over Nickel	19,000 PCS
HDGC1501-TP-H	AWG#24-#30	1.50mm(max)	Phosphor Bronze	Tin over Nickel	19,000 PCS
HDGC1501-GP-H	AWG#24-#30	1.50mm(max)	Phosphor Bronze	Gold over Nickel	19,000 PCS

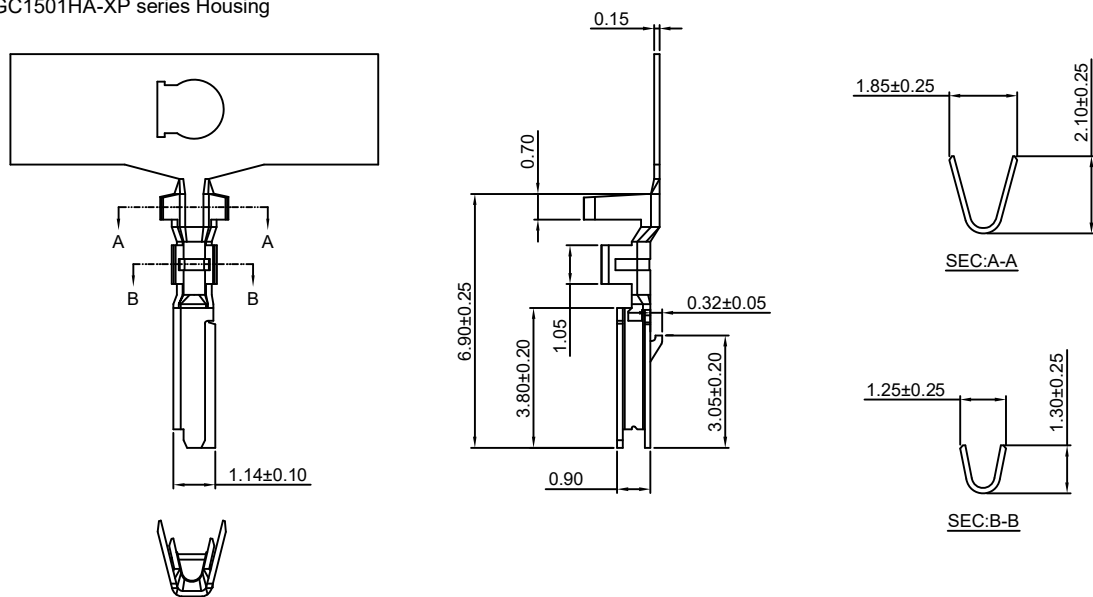
Optional Gold plating available but MOQ requested

HDGC1501-T-A

1.50mm pitch Crimp Terminal

Reference Informations:

*Used in HDGC1501HA-XP series Housing



Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
HDGC1501-TP-A	AWG#24-#28	1.28mm(max)	Phosphor Bronze	Tin over Nickel	10,000 PCS
HDGC1501-GP-A	AWG#24-#28	1.28mm(max)	Phosphor Bronze	Gold over Nickel	10,000 PCS

Optional Gold plating available but MOQ requested



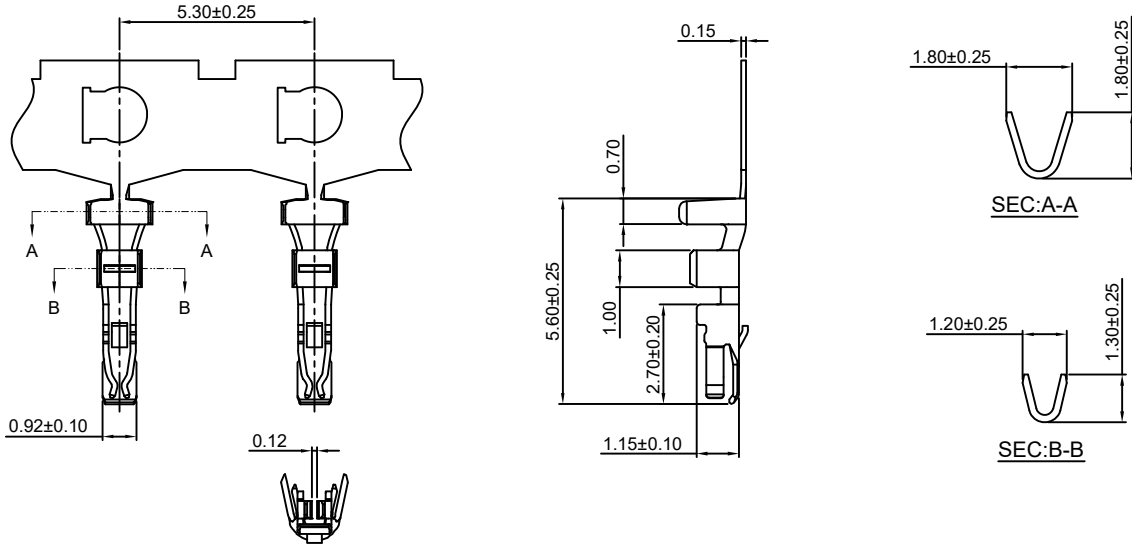
HDGC1501 Series 1.50mm (.059") Pitch Wire to Board and Wire to Wire Connector

HDGC1501-T-B

1.50mm pitch Crimp Terminal

Reference Informations:

*Used in HDGC1501HB-XP series Housing



Ordering information & Specifications:

Unit:mm

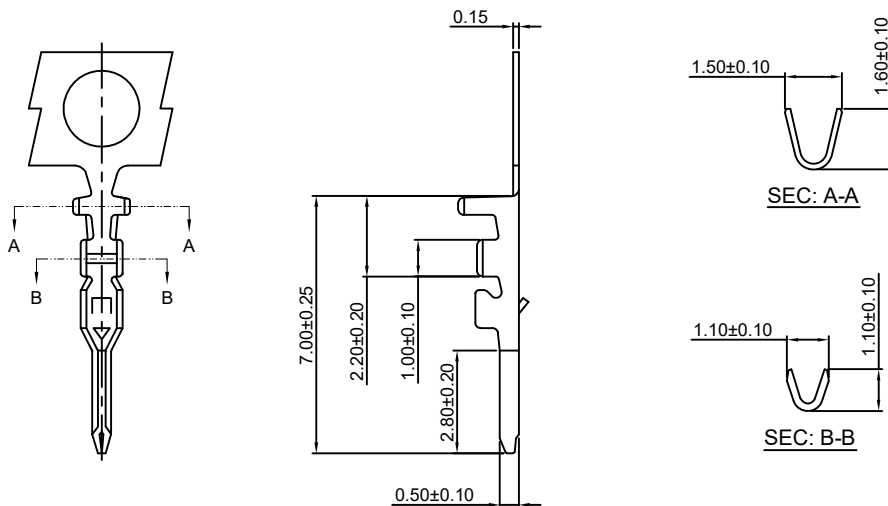
Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
HDGC1501-GP-B	AWG#28-#32	1.10mm(max)	Phosphor Bronze	Gold over Nickel	10,000 PCS

HDGC1501M-T

1.50mm pitch Crimp Terminal

Reference Informations:

*Used in HDGC1501HM-XP series Housing



Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
HDGC1501M-TP	AWG#28-#32	0.90mm(max)	Phosphor Bronze	Tin over Nickel	15,000 PCS
HDGC1501M-GP	AWG#28-#32	0.90mm(max)	Phosphor Bronze	Gold over Nickel	15,000 PCS

Optional Gold plating available but MOQ requested



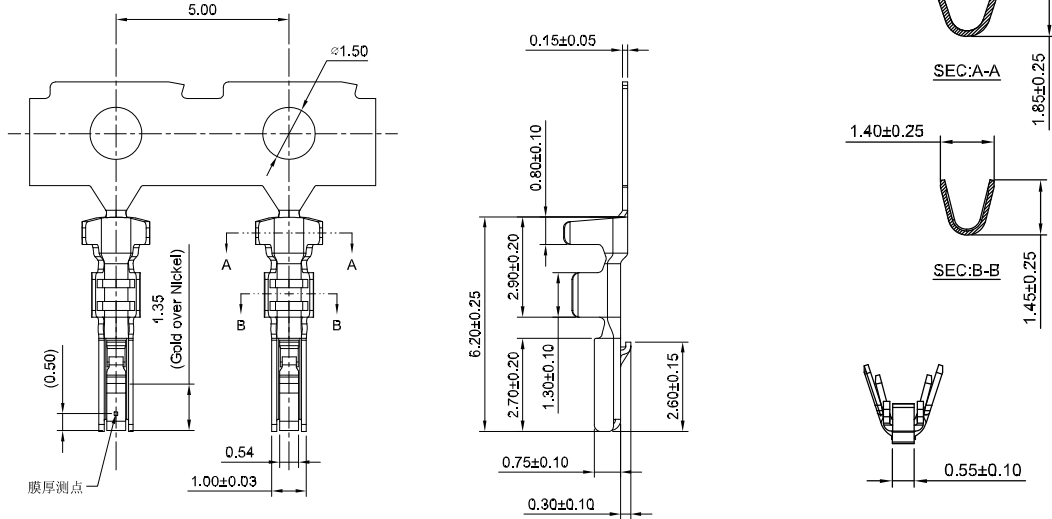
HDGC1501 Series 1.50mm (.059") Pitch Wire to Board and Wire to Wire Connector

HDGC1501-T-D

1.50mm pitch Crimp Terminal

Reference Informations:

*Used in HDGC1501HD-XP series Housing



Ordering information & Specifications:

Unit: mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
HDGC1501-TP-D	AWG#24-#28	1.20mm(max)	Phosphor Bronze	Tin over Nickel	10,000 PCS
HDGC1501-GP-D	AWG#24-#28	1.20mm(max)	Phosphor Bronze	Gold over Nickel	10,000 PCS

Optional Gold plating available but MOQ requested

HDGC1501HD-XP

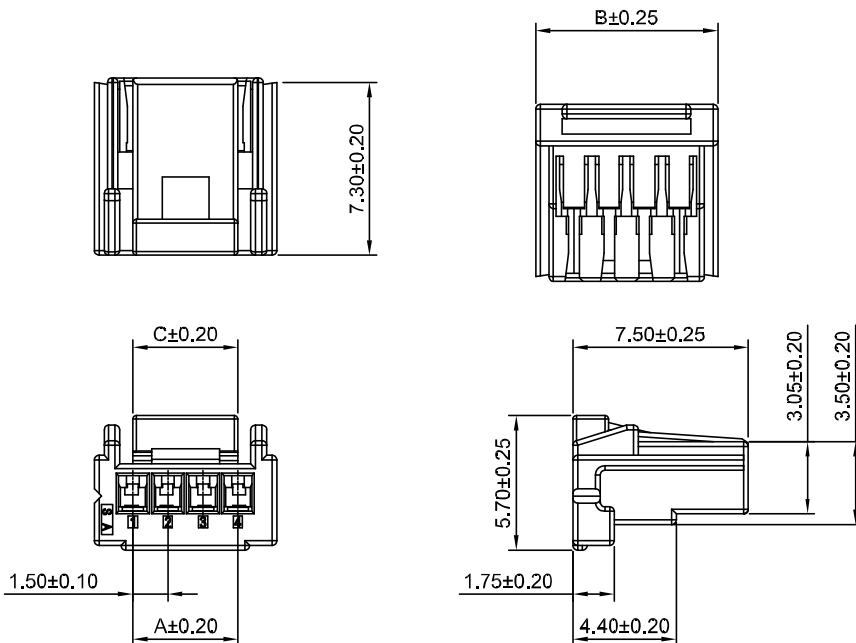
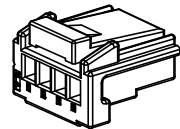
1.50mm pitch Housing

Reference Informations:

- *Material: PBT, UL94V-0
- *Suitable HDGC1501-T-D series Terminal
- *Mates with HDGC1501WVD-S, WRD-S-XP series Wafer
- *Color: White

Ordering Information:
HDGC1501HD-XP - ***

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



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
2P	1.50	5.00	2.70
3P	3.00	6.30	3.50
4P	4.50	7.80	4.50
5P	6.00	9.30	4.50
6P	7.50	10.80	7.50
7P	9.00	12.30	7.50
8P	10.50	13.80	9.80
9P	12.00	15.30	9.80
10P	13.50	16.80	9.80
11P	15.00	18.30	9.80
12P	16.50	19.80	9.80
13P	18.00	21.30	11.30
14P	19.50	22.80	11.30
15P	21.00	24.30	11.30
16P	22.50	25.80	11.30

Unit: mm



HDGC1501 Series 1.50mm (.059") Pitch Wire to Board and Wire to Wire Connector

HDGC1501H-XP

1.50mm pitch Housing

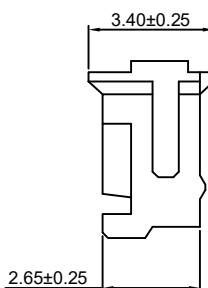
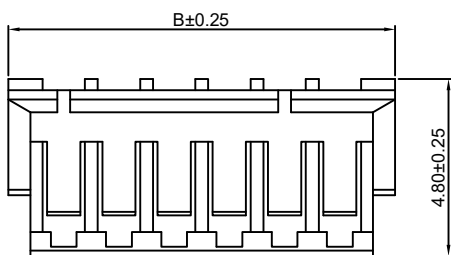
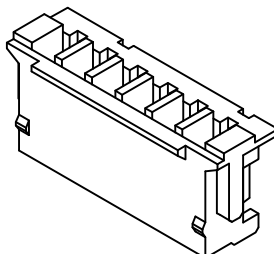
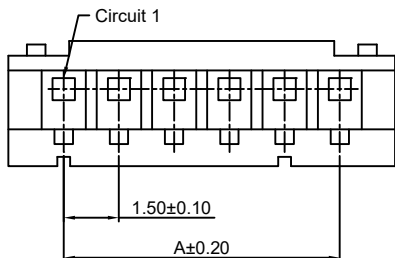
Reference Informations:

- *Material:Nylon 66,UL94V-0
- *Suitable HDGC1501-T(H) series Terminal
- *Mates with HDGC1501HM-XP series Housing and HDGC1501WV,WR,WV-S,WR-S-XP series Wafer
- *Color:White

Ordering Information:

HDGC1501H-XP - *** - ***
 1 2 3

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



Ordering Information & Dimensions:

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

Unit: mm

HDGC1501HA-XP

1.50mm pitch Housing

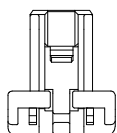
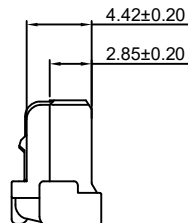
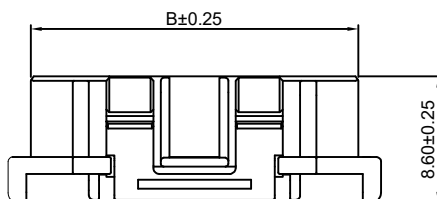
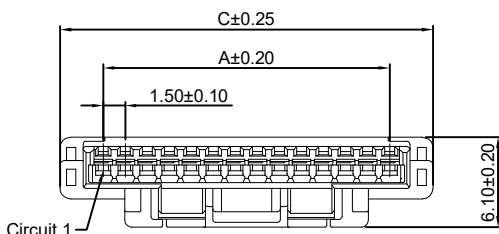
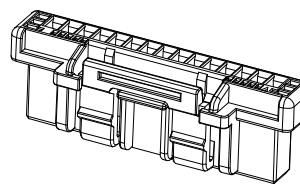
Reference Informations:

- *Material:PBT,UL94V-0
- *Suitable HDGC1501-T-A series Terminal
- *Mates with HDGC1501WVA-S,WRA-S-XP series Wafer
- *Color:Beige

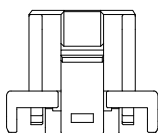
Ordering Information:

HDGC1501HA-XP - *** - ***
 1 2

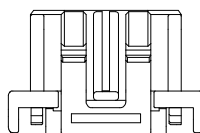
- Part No.
- Material:
 (Blank):PBT,UL94V-0
 GWT:PBT,UL94V-0 GWT 750 °C



2P,3P



4P,5P



6P~15P

Ordering Information & Dimensions:

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

Unit: mm



HDGC1501 Series 1.50mm (.059") Pitch Wire to Board and Wire to Wire Connector

HDGC1501HB-XP

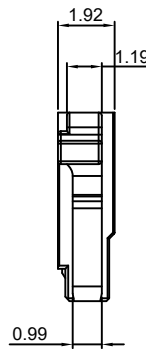
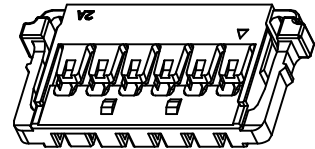
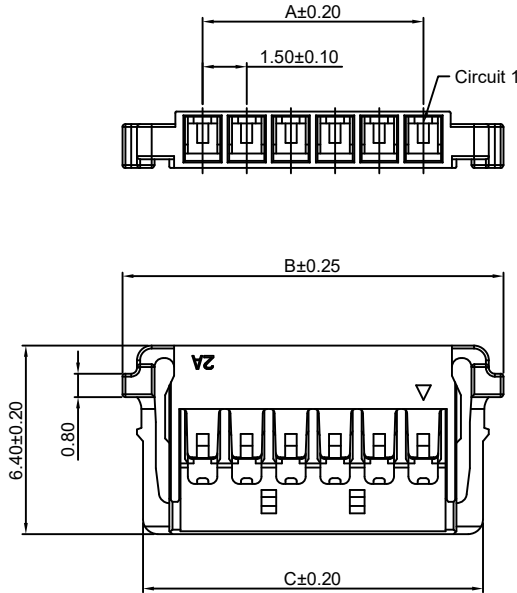
1.50mm pitch Housing

Reference Informations:

- *Material:Nylon 66,UL94V-0
- *Suitable HDGC1501-T-B series Terminal
- *Mates with HDGC1501WRB-S-XP series Wafer
- *Color:Black

Ordering Information:

- HDGC1501HB-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	1.50	6.95	5.55
3P	3.00	8.45	7.05
4P	4.50	9.95	8.55
5P	6.00	11.45	10.05
6P	7.50	12.95	11.55
7P	9.00	14.45	13.05
8P	10.50	15.95	14.55
9P	12.00	17.45	16.05
10P	13.50	18.95	17.55
11P	15.00	20.45	19.05
12P	16.50	21.95	20.55

Unit: mm

HDGC1501HM-XP

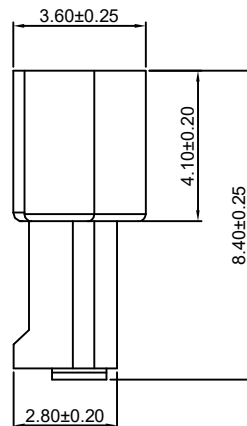
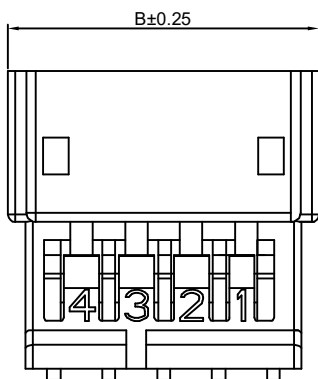
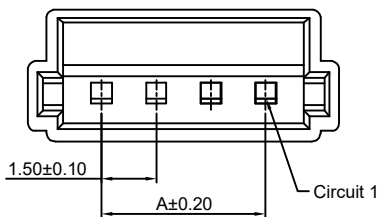
1.50mm pitch Housing

Reference Informations:

- *Material:Nylon 66,UL94V-0
- *Suitable HDGC1501M-T series Terminal
- *Mates with HDGC1501H-XP series Housing
- *Color:White

Ordering Information:

- HDGC1501HM-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
2P	1.50	5.55
3P	3.00	7.05
4P	4.50	8.55
5P	6.00	10.05
6P	7.50	11.55
7P	9.00	13.05
8P	10.50	14.55
9P	12.00	16.05
10P	13.50	17.55
11P	15.00	19.05
12P	16.50	20.55
13P	18.00	22.05

Unit: mm



HDGC1501 Series 1.50mm (.059") Pitch Wire to Board and Wire to Wire Connector

HDGC1501WV-XP

1.50mm pitch 180° Wafer

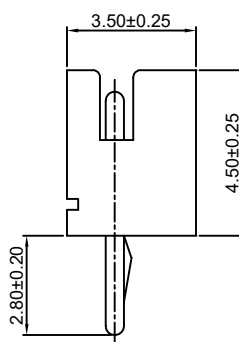
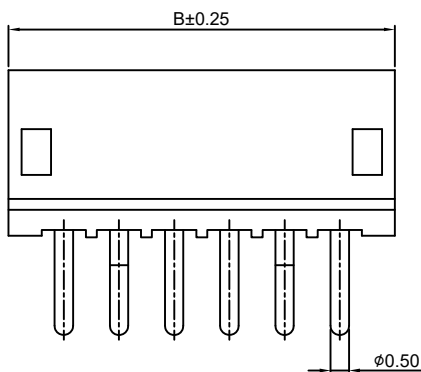
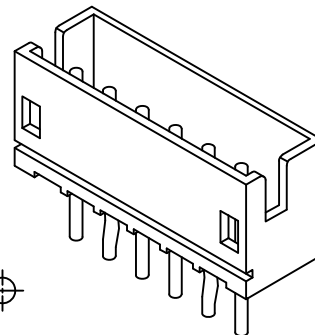
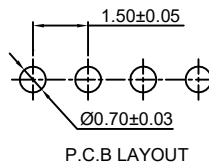
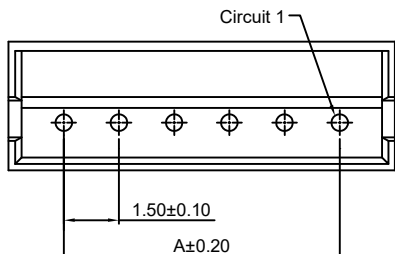
Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 66, UL94V-0
- *Mates with HDGC1501H-XP series Housing
- *Color: Ivory

Ordering Information:

HDGC1501WV-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): Ivory
BK: Black
RD: Red
BL: Blue
GN: Green
YL: Yellow
- Finish:
(Blank): Tin over Nickel
G: Gold over Nickel



Ordering Information & Dimensions:

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

Unit: mm

HDGC1501WR-XP

1.50mm pitch 90° Wafer

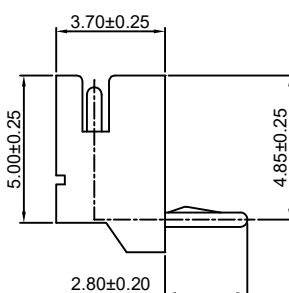
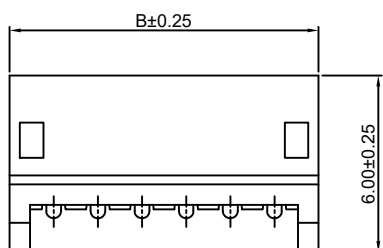
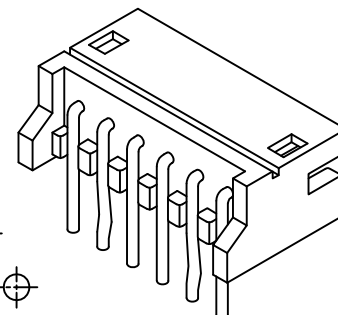
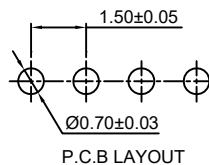
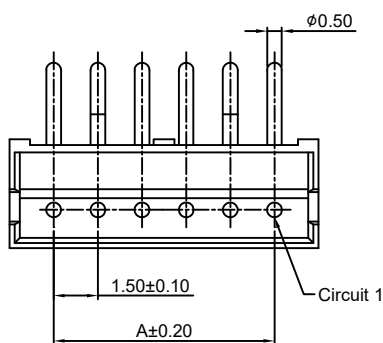
Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 66, UL94V-0
- *Mates with HDGC1501H-XP series Housing
- *Color: Ivory

Ordering Information:

HDGC1501WR-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): Ivory
BK: Black
RD: Red
BL: Blue
GN: Green
YL: Yellow
- Finish:
(Blank): Tin over Nickel
G: Gold over Nickel



Ordering Information & Dimensions:

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

Unit: mm



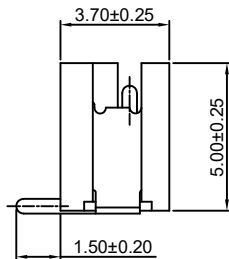
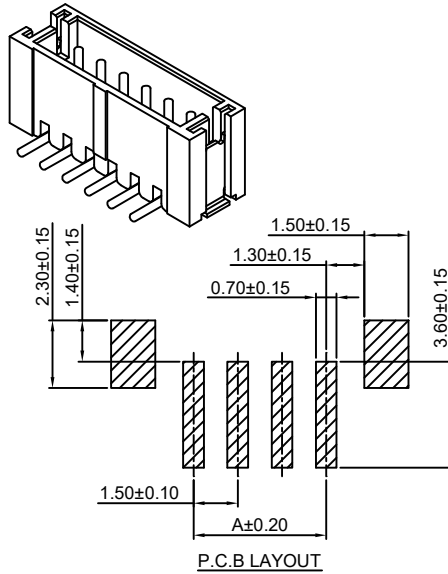
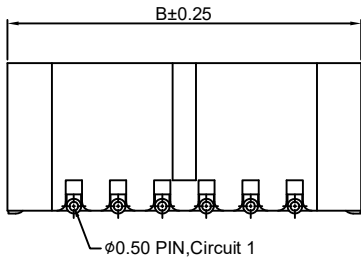
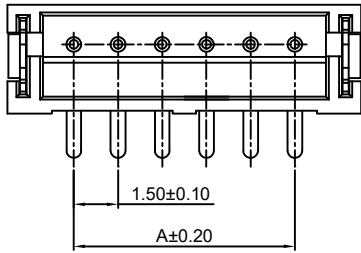
HDGC1501 Series 1.50mm (.059") Pitch Wire to Board and Wire to Wire Connector

HDGC1501WV-S-XP

1.50mm pitch 180° Wafer-SMT TYPE

Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Solder Tabs: Brass/Gold over Nickel
Insulator: Nylon 6T, UL94V-0
Cap: Nylon 6T, UL94V-0
- *Mates with HDGC1501H-XP series Housing
- *Color: Ivory



Ordering Information:

HDGC1501WV-S-XP - *** - ** - **
1 2 3 4

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

Ordering Information & Dimensions:

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

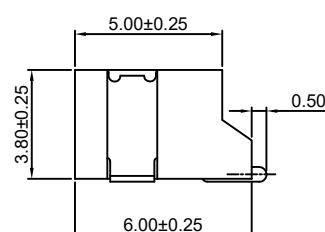
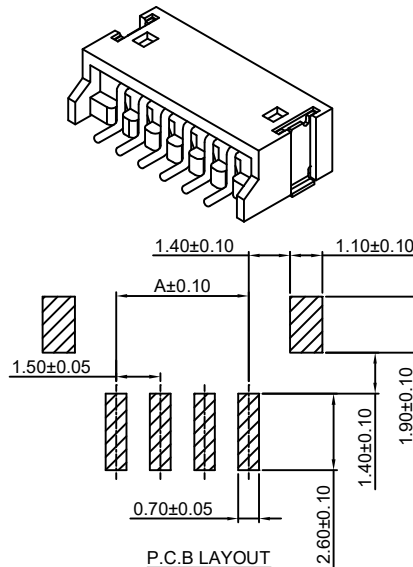
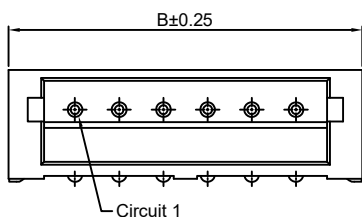
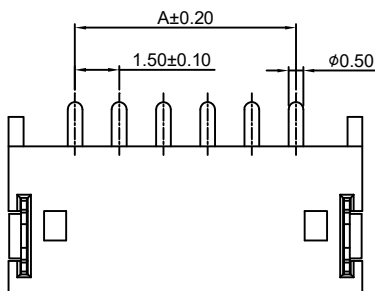
Unit: mm

HDGC1501WR-S-XP

1.50mm pitch 90° Wafer-SMT TYPE

Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Solder Tabs: Brass/Gold over Nickel
Insulator: Nylon 6T, UL94V-0
- *Mates with HDGC1501H-XP series Housing
- *Color: Ivory



Ordering Information:

HDGC1501WR-S-XP - *** - ** - **
1 2 3 4

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

Ordering Information & Dimensions:

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

Unit: mm



HDGC1501 Series 1.50mm (.059") Pitch Wire to Board and Wire to Wire Connector

HDGC1501WR-S-XP-A

1.50mm pitch 90° Wafer DIP SMT TYPE

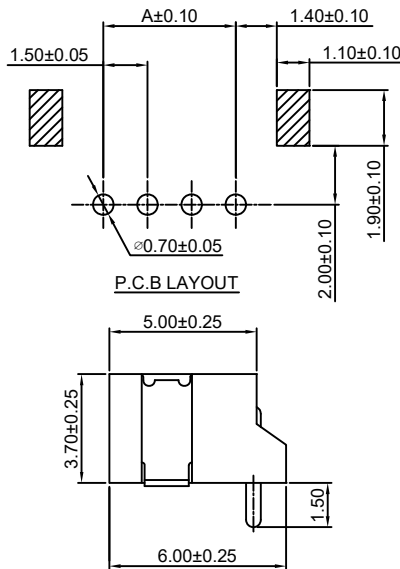
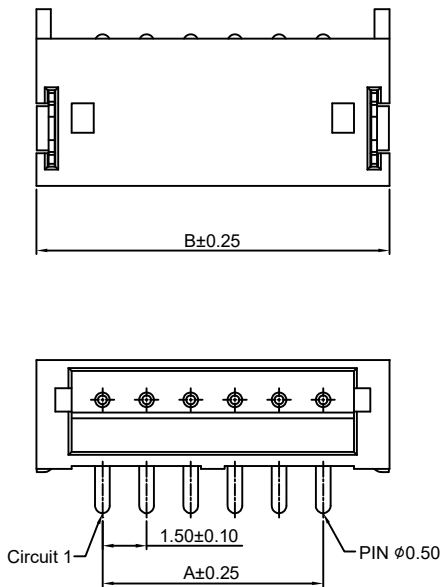
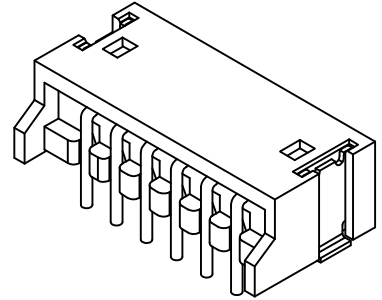
Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Solder Tabs: Brass/Gold over Nickel
Insulator: Nylon 6T, UL94V-0
- *Mates with HDGC1501H-XP series Housing
- *Color: Ivory

Ordering Information:

HDGC1501WR-S-XP-A - *** - **
1 2 3

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



Ordering Information & Dimensions:

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

Unit: mm

HDGC1501WVA-S-XP

1.50mm pitch 180° Wafer-SMT TYPE

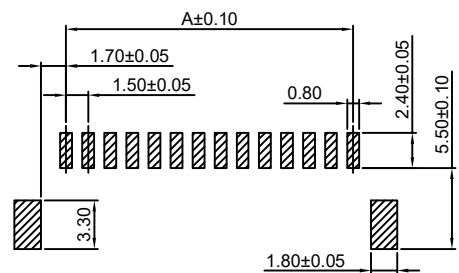
Reference Informations:

- *Material: Pin: Phosphor Bronze/Tin over Nickel
Solder Tabs: Brass/Tin over Nickel
Insulator: LCP, UL94V-0
- *Mates with HDGC1501HA-XP series Housing
- *Color: Ivory

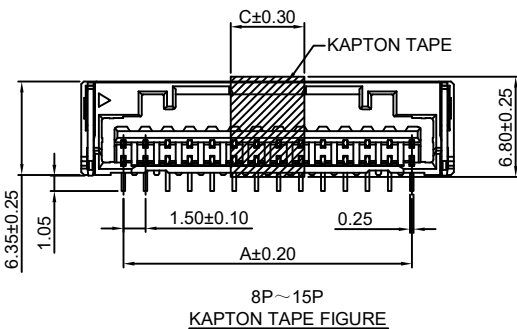
Ordering Information:

HDGC1501WVA-S-XP - *** - **
1 2 3

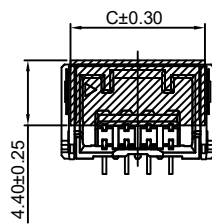
1. Part No.
2. Material:
(blank): LCP, UL94V-0
GWT: LCP, UL94V-0 GWT 750 °C
3. Finish:
(Blank): Tin over Nickel
G: Gold over Nickel



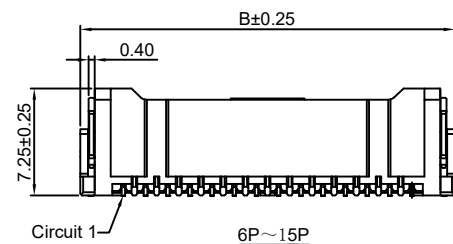
P.C.B LAYOUT



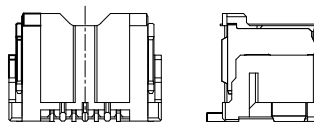
8P~15P
KAPTON TAPE FIGURE



2P~7P
KAPTON TAPE FIGURE



6P~15P



2P~5P

Ordering Information & Dimensions:

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

Unit: mm



HDGC1501 Series 1.50mm (.059") Pitch Wire to Board and Wire to Wire Connector

HDGC1501WRA-S-XP

1.50mm pitch 90° Wafer-SMT TYPE

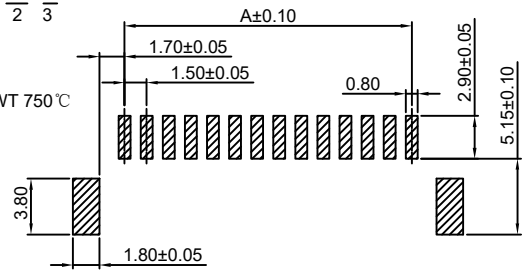
Reference Informations:

- *Material: Pin: Phosphor Bronze/Tin over Nickel
Solder Tabs: Brass/Tin over Nickel
Insulator: LCP, UL94V-0
- *Mates with HDGC1501HA-XP series Housing
- *Color: Ivory

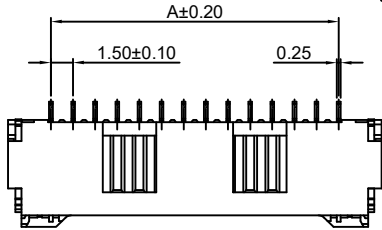
Ordering Information:

HDGC1501WRA-S-XP - *** - **
1 2 3

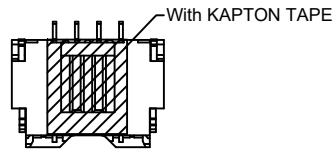
- Part No.
- Material:
(Blank): LCP, UL94V-0
GWT: LCP, UL94V-0 GWT 750 °C
- Finish:
(Blank): Tin over Nickel
G: Gold over Nickel



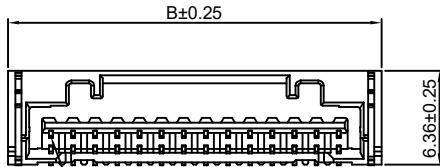
P.C.B LAYOUT



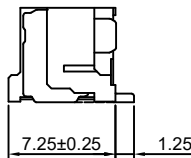
6P~15P



2P~5P



Circuit 1



Ordering Information & Dimensions:

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

Unit: mm

HDGC1501WRB-S-XP

1.50mm pitch 90° Wafer-SMT TYPE

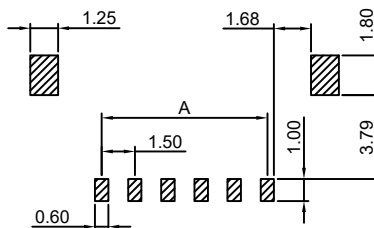
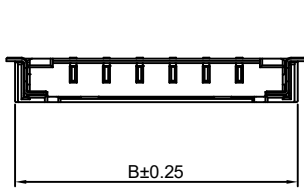
Reference Informations:

- *Material: Pin: Brass/Gold over Nickel
Insulator: Nylon 9T, UL94V-0
- *Mates with HDGC1501HB-XP series Housing
- *Color: Black

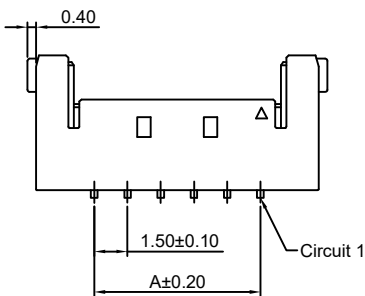
Ordering Information:

HDGC1501WRB-S-XP - ***
1 2

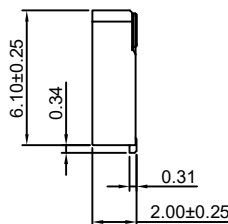
- Part No.
- Material:
(Blank): Nylon 9T, UL94V-0
GWT: Nylon 9T, UL94V-0, GWT 750 °C



P.C.B LAYOUT



Circuit 1



Ordering Information & Dimensions:

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

Unit: mm



HDGC1501 Series 1.50mm (.059") Pitch Wire to Board and Wire to Wire Connector

HDGC1501WVD-S-XP

1.50mm pitch 180° Wafer-SMT TYPE

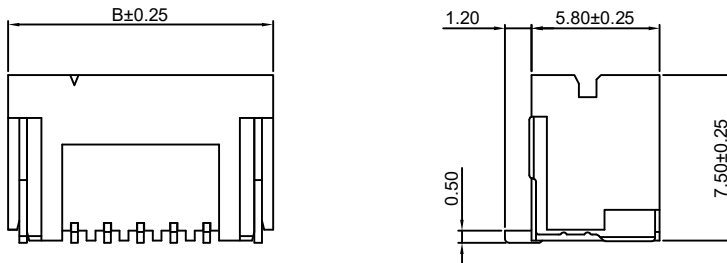
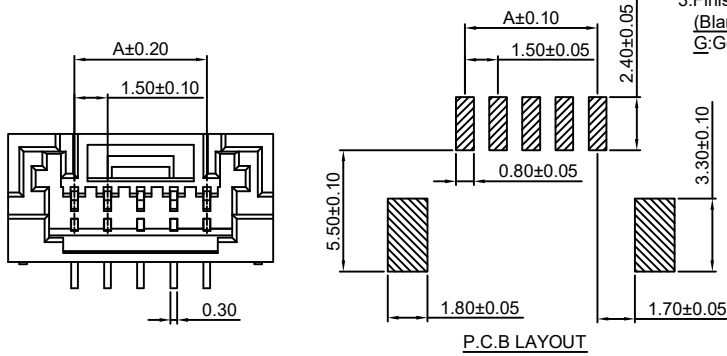
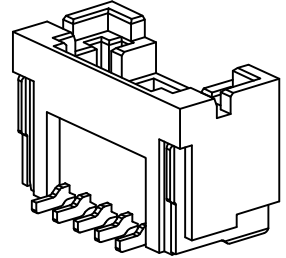
Reference Informations:

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

Ordering Information:

HDGC1501WVD-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
2P	1.50	7.50
3P	3.00	9.00
4P	4.50	10.50
5P	6.00	12.00
6P	7.50	13.50
7P	9.00	15.00
8P	10.50	16.50
9P	12.00	18.00
10P	13.50	19.50
11P	15.00	21.00
12P	16.50	22.50
13P	18.00	24.00
14P	19.50	25.50
15P	21.00	27.00
16P	22.50	28.50

Unit: mm

HDGC1501WRD-S-XP

1.50mm pitch 90° Wafer-SMT TYPE

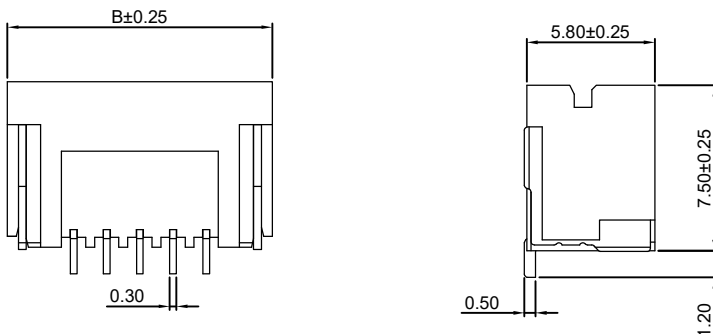
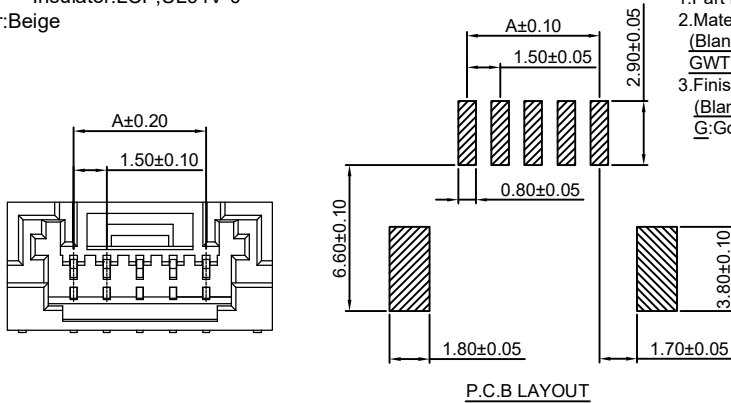
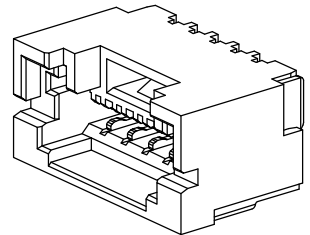
Reference Informations:

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

Ordering Information:

HDGC1501WRD-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
2P	1.50	7.50
3P	3.00	9.00
4P	4.50	10.50
5P	6.00	12.00
6P	7.50	13.50
7P	9.00	15.00
8P	10.50	16.50
9P	12.00	18.00
10P	13.50	19.50
11P	15.00	21.00
12P	16.50	22.50
13P	18.00	24.00
14P	19.50	25.50
15P	21.00	27.00
16P	22.50	28.50

Unit: mm