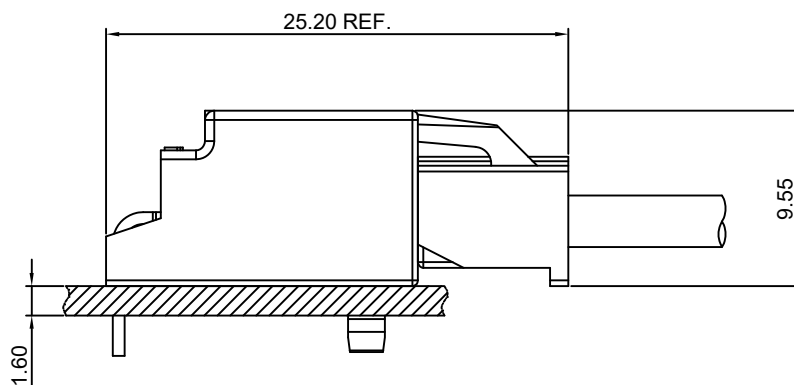


Specifications

- Current rating: 6A AC, DC
- Voltage rating: 300V AC, DC
- Temperature range: -25°C ~ +85°C
- Contact resistance: 10mΩ Max.
- Insulation resistance: 1000MΩ Min.
- Withstanding voltage: 1500V AC/minute
- *Compliant with RoHS and REACH*
- *Meet the HF/Halogen Free, GWT/Glow wire Test (IEC60335-1) request, need to customize*
- *Contact HDGC for details*

Assembly layout





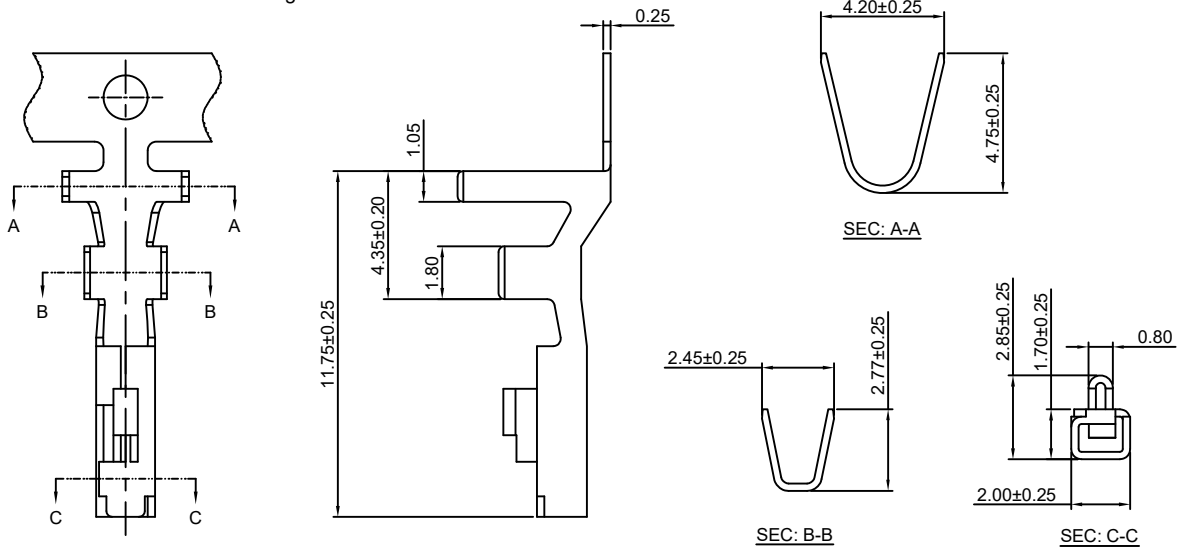
HDGC3962 Series 3.96mm (.156") Pitch Wire to Wire Connector

HDGC3962-T

3.96mm pitch Crimp Terminal

Reference Informations:

*Used in HDGC3962H-XP series Housing



Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
HDGC3962-TB	AWG#18-#22	2.80mm(max)	Brass	Tin over Nickel	3,000 PCS
HDGC3962-TP	AWG#18-#22	2.80mm(max)	Phosphor Bronze	Tin over Nickel	3,000 PCS
HDGC3962-GB	AWG#18-#22	2.80mm(max)	Brass	Gold over Nickel	3,000 PCS
HDGC3962-GP	AWG#18-#22	2.80mm(max)	Phosphor Bronze	Gold over Nickel	3,000 PCS

Optional Gold plating available but MOQ requested

HDGC3962H-XP

3.96mm Pitch Housing

Reference Informations:

*Material:Nylon 66,UL94V-0

*Suitable HDGC3962-T series Terminal

*Mates with HDGC3962WR-F-XP series Wafer

*Color:White

Ordering Information:

HDGC3962H-XP - *** - **
1 2 3

1.Part No.

2.Material:

(blank);Nylon 66,UL94V-0

GWT:Nylon 66,UL94V-0,GWT 750°C

3.Color:

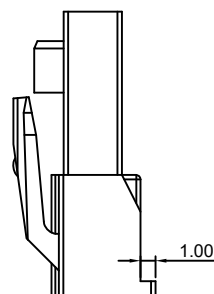
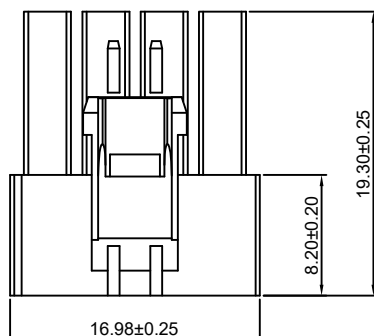
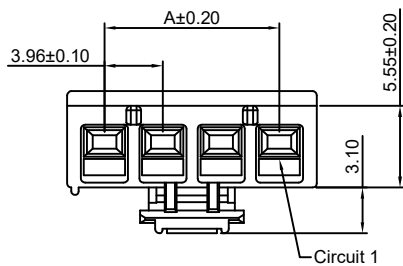
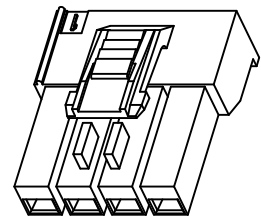
(blank);White

BK:Black

RD:Red

BL:Blue

YL:Yellow



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	3.96	9.06
3P	7.92	13.02
4P	11.88	16.98
5P	15.84	20.94
6P	19.80	24.90

Unit: mm



HDGC3962 Series 3.96mm (.156") Pitch Wire to Wire Connector

HDGC3962WV-XP

3.96mm Pitch 180° Wafer

Reference Informations:

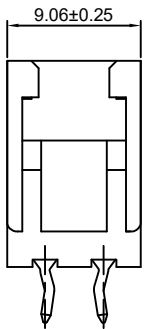
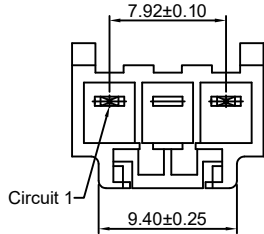
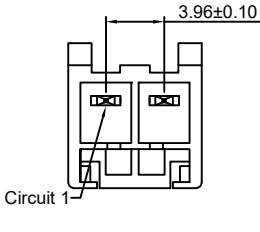
- *Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 66, UL94V-0
- *Mates with HDGC3962H-XP series Housing
- *Color: white

Ordering Information:

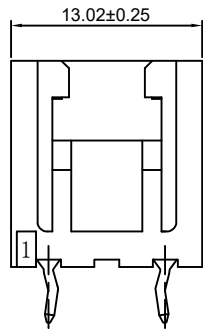
- HDGC3962WV-2P - ^{***} - ^{**} / ₁ / ₂ / ₃
- Part No.
 - Material:
(blank): Nylon 66, UL94V-0
GWT: Nylon 66, UL94V-0, GWT 750°C
 - Color:
(blank): White
BK: Black
RD: Red
BL: Blue
YL: Yellow

Ordering Information:

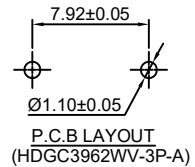
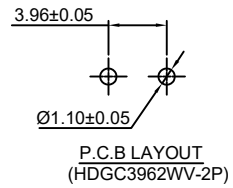
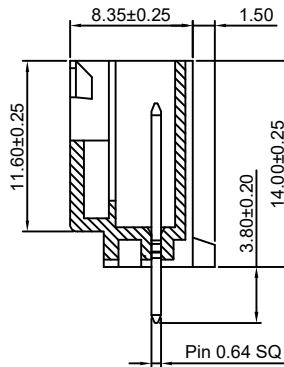
- HDGC3962WV-3P-A - ^{***} - ^{**} / ₁ / ₂ / ₃
- Part No.
 - Material:
(blank): Nylon 66, UL94V-0
GWT: Nylon 66, UL94V-0, GWT 750°C
 - Color:
(blank): White
BK: Black
RD: Red
BL: Blue
YL: Yellow



HDGC3962WV-2P



HDGC3962WV-3P-A



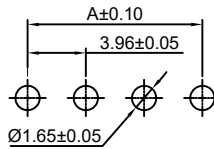
Unit: mm

HDGC3962WVA-XP

3.96mm Pitch 180° Wafer

Reference Informations:

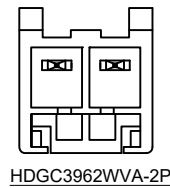
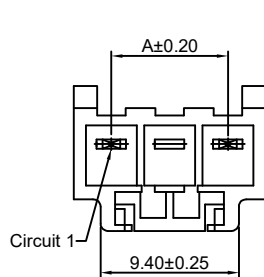
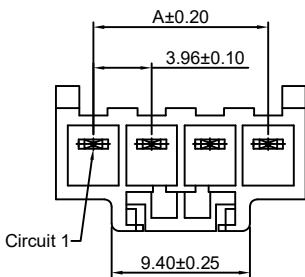
- *Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 66, UL94V-0
- *Mates with HDGC3962H-XP series Housing
- *Color: white



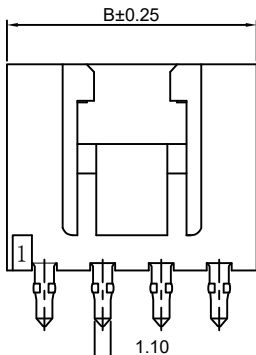
P.C.B LAYOUT
HDGC3962WVA-XP

Ordering Information:

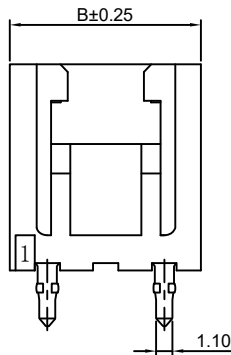
- HDGC3962WVA-XP - ^{***} - ^{**} / ₁ / ₂ / ₃
- Part No.
 - Material:
(blank): Nylon 66, UL94V-0
GWT: Nylon 66, UL94V-0, GWT 750°C
 - Color:
(blank): White
BK: Black
RD: Red
BL: Blue
YL: Yellow



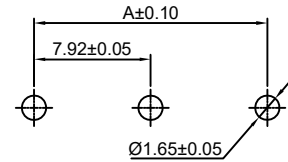
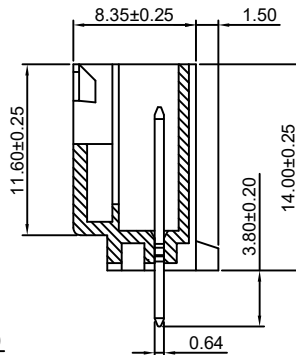
HDGC3962WVA-2P



HDGC3962WVA-2P



HDGC3962WVA-3P(6P)-A



P.C.B LAYOUT
HDGC3962WVA-XP-A

Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	3.96	9.06
3P	7.92	13.02
4P	11.88	16.98
5P	15.84	20.94
6P	19.80	24.90

Unit: mm



HDGC3962 Series 3.96mm (.156") Pitch Wire to Wire Connector

HDGC3962WV-XP-2

3.96mm Pitch 180° Wafer

Reference Informations:

*Material: Pin: Brass/Tin over Nickel

Insulator: Nylon 66, UL94V-0

*Mates with HDGC3962H-XP series Housing

*Color: white

Ordering Information:

HDGC3962WV-XP-2 - $\frac{***}{1}$ - $\frac{**}{2}$ - $\frac{**}{3}$

1. Part No.

2. Material:

(blank); Nylon 66, UL94V-0

GWT: Nylon 66, UL94V-0, GWT 750°C

3. Color:

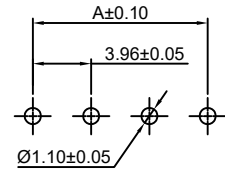
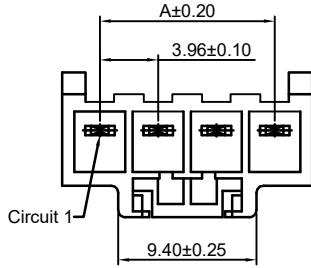
(blank); White

BK; Black

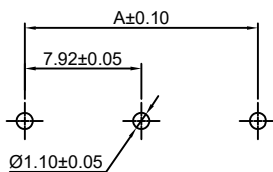
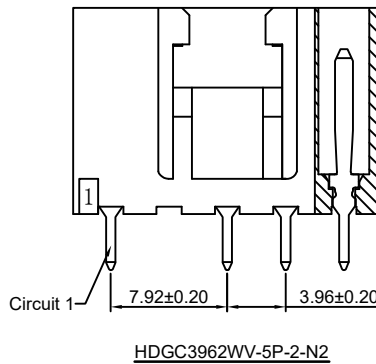
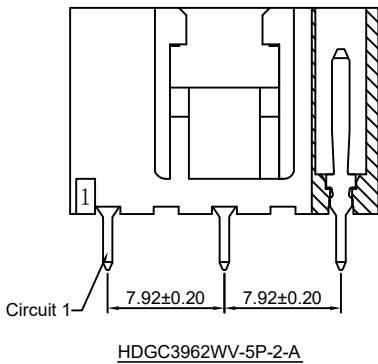
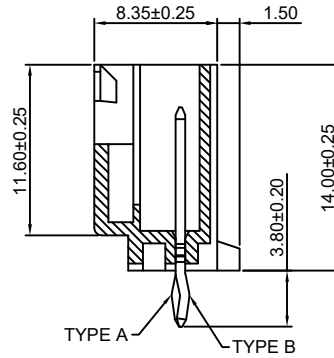
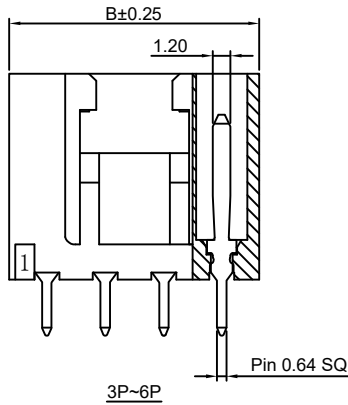
RD; Red

BL; Blue

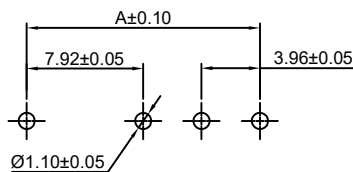
YL; Yellow



P.C.B LAYOUT
(2P~6P)



P.C.B LAYOUT
(HDGC3962WV-5P-2-A)



P.C.B LAYOUT
(HDGC3962WV-5P-2-N2)

King To Be Applied As Follows

Circuits NO.	Circuits					
	1	2	3	4	5	6
HDGC3962WV-3P-2	A	B	A			
HDGC3962WV-4P-2	A	B	A	B		
HDGC3962WV-5P-2	A	B	A	B	A	
HDGC3962WV-5P-2-A	A		B		A	
HDGC3962WV-5P-2-N2	A	X	B	B	A	
HDGC3962WV-6P-2	A	B	A	B	A	B

Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
3P	7.92	13.02
4P	11.88	16.98
5P	15.84	20.94
6P	19.80	24.90

Unit: mm



HDGC3962 Series 3.96mm (.156") Pitch Wire to Wire Connector

HDGC3962WR-F-XP

3.96mm Pitch 90° Wafer

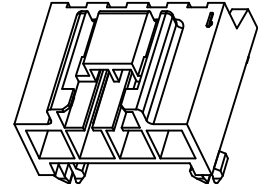
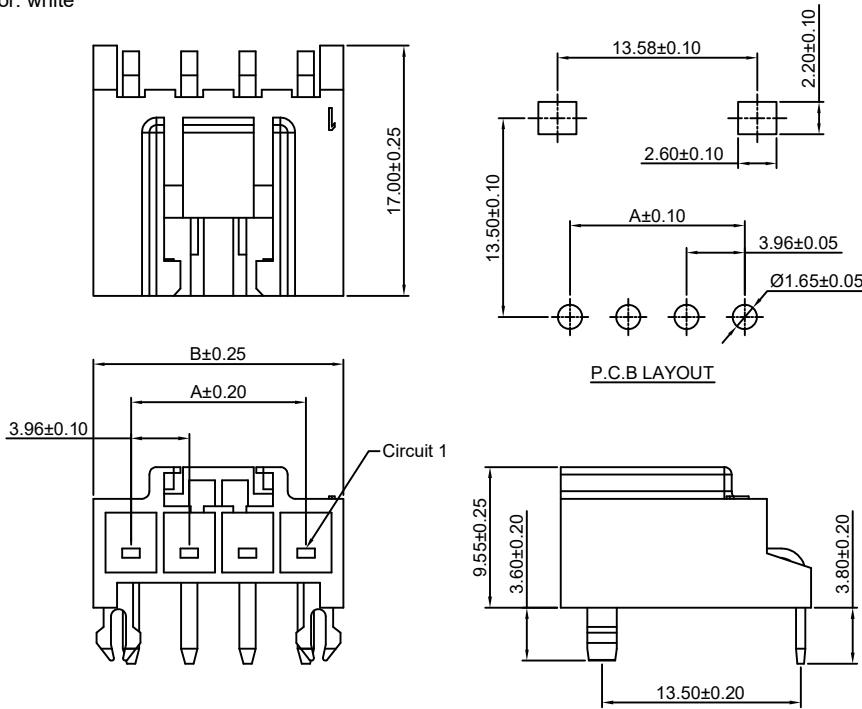
Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 66, UL94V-0
- *Mates with HDGC3962H-XP series Housing
- *Color: white

Ordering Information:

HDGC3962WR-F-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
BK: Black
RD: Red
BL: Blue
YL: Yellow



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	3.96	9.06
3P	7.92	13.02
4P	11.88	16.98
5P	15.84	20.94
6P	19.80	24.90

Unit: mm

HDGC3962WR-S-F-XP-A

3.96mm Pitch 90° Wafer - SMT TYPE

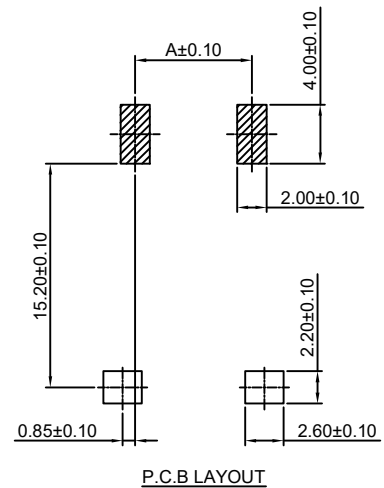
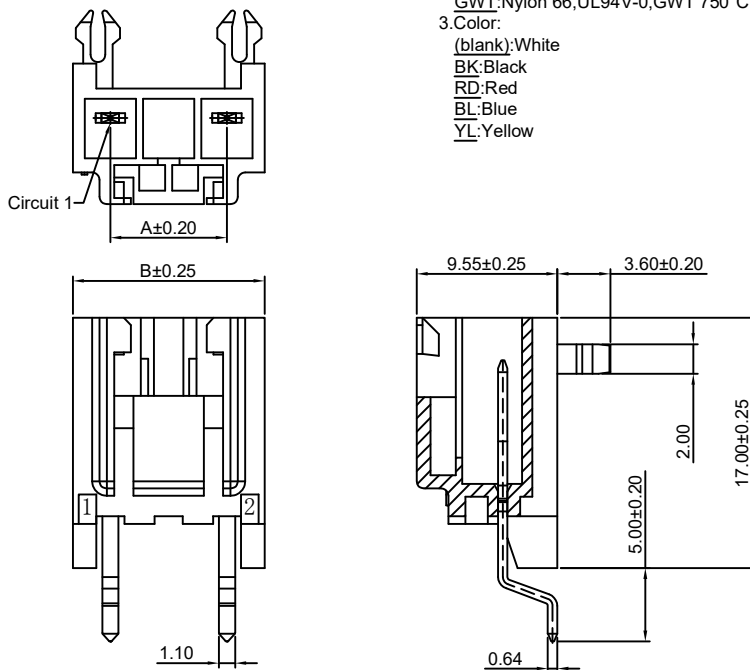
Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 66, UL94V-0
- *Mates with HDGC3962H-XP series Housing
- *Color: white

Ordering Information:

HDGC3962WR-S-F-XP-A - *** - **
1 2 3

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



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
3P	7.92	13.02
5P	15.84	20.94

Unit: mm