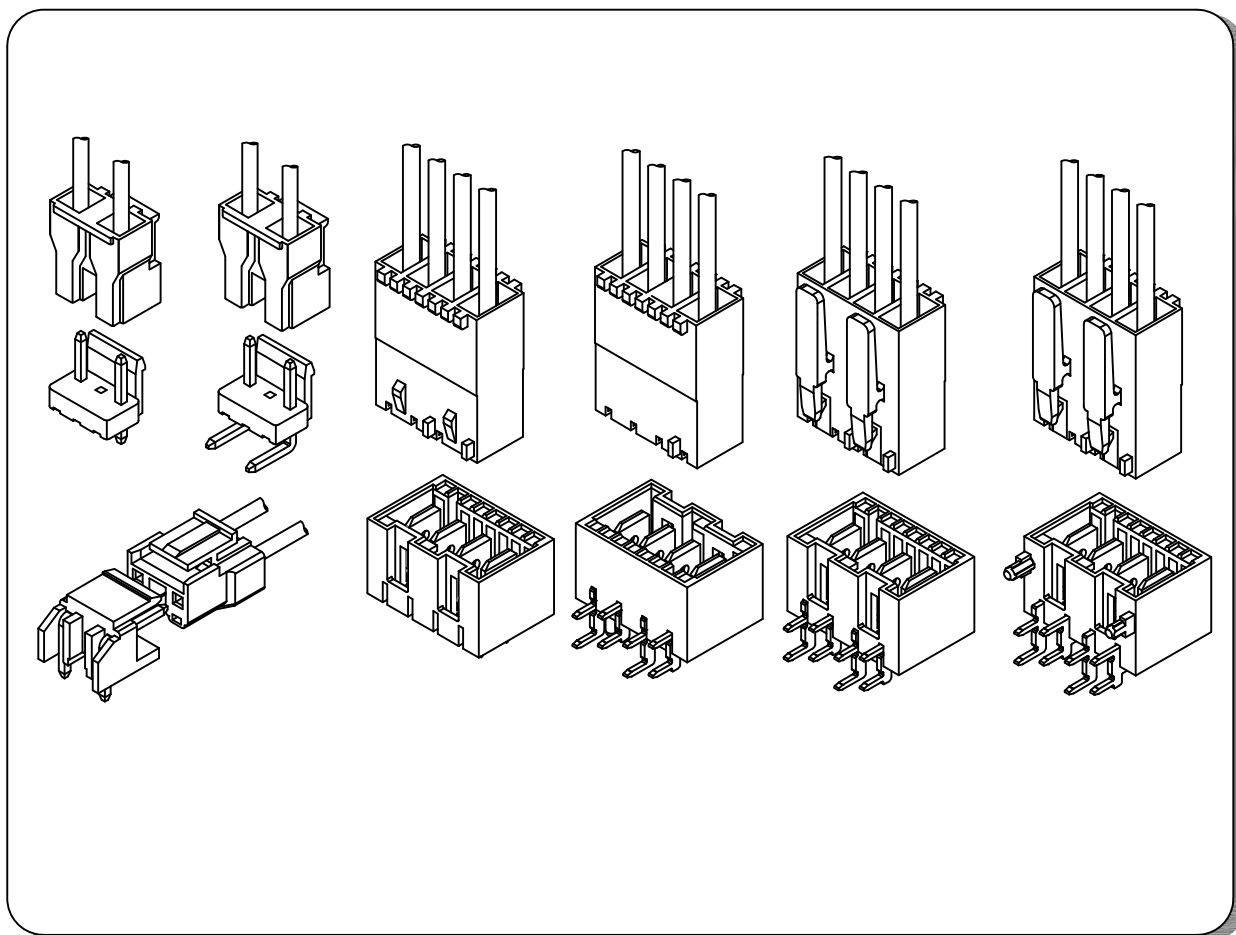




Specifications(Ordinary)

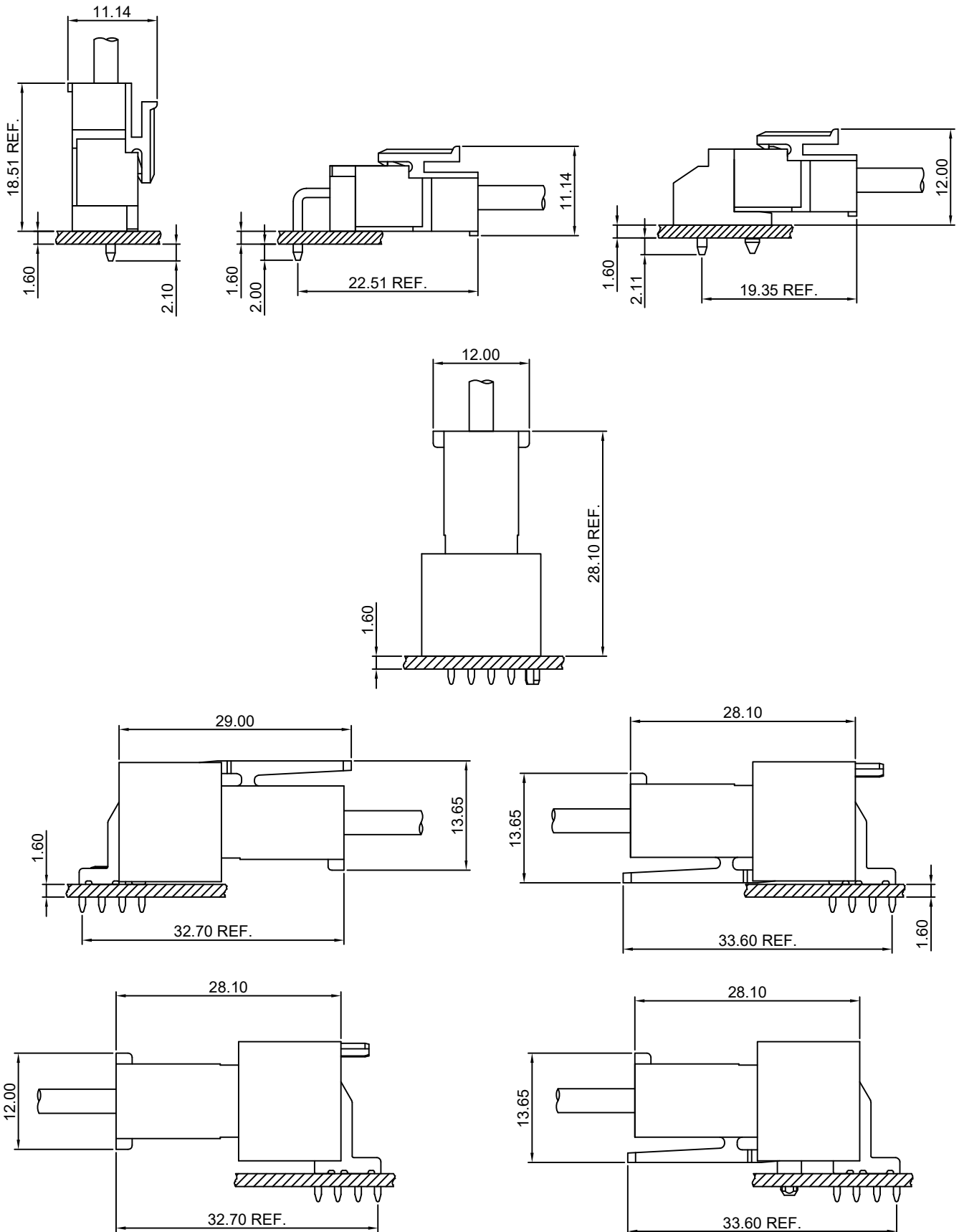
Current rating:10A AC,DC
 Voltage rating:250V AC,DC
 Temperature range:-25°C~+85°C
 Contact resistance:10mΩMax.
 Insulation resistance:1000MΩMin.
 Withstanding voltage:1500V AC/minute
 *Meet the HF/Halogen Free,GWT/Glow wire
 Test (IEC60335-1) request,need to
 customize*
 Contact HDGC for details

Specifications(Special)

Current rating:16A AC,DC
 Voltage rating:380V AC,DC
 Temperature range:-25°C~+85°C
 Contact resistance:20mΩMax.
 Insulation resistance:1000MΩMin.
 Withstanding voltage:1800V AC/minute
 *Meet the HF/Halogen Free,GWT/Glow wire
 Test (IEC60335-1) request,need to
 customize*
 Contact HDGC for details



Assembly layout





HDGC7921 Series 7.92mm (.312") - 5.00mm (.197") Pitch Wire to Board Connector

HDGC7921H-2P

7.92mm pitch Housing

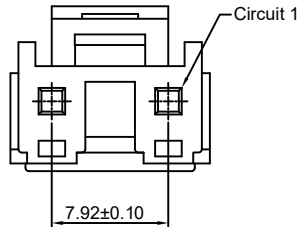
Reference Informations:

*Material:Nylon 66,UL94V-0

*Suitable HDGC3963-T(-H) series Terminal

*Mates with HDGC3963WV,WR-3P-A,HDGC7921WRH-2P series Wafer

*Color:White



Ordering Information:

HDGC7921H-2P - ***

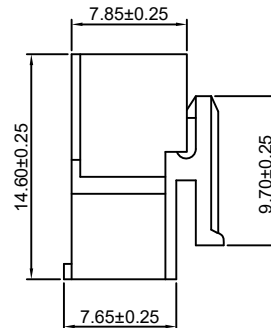
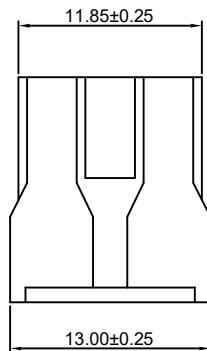
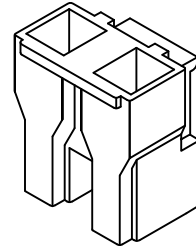
1 2

1.Part No.

2.Material:

(blank):Nylon 66,UL94V-0

GWT:Nylon 66,UL94V-0,GWT 750°C



Unit: mm

HDGC7921WRH-2P

7.92mm pitch 90° Wafer

Reference Informations:

*Material:Pin:Brass/Tin over Nickel

Insulator:Nylon 66,UL94V-0

*Mates with HDGC7921H-2P or HDGC3963H-3P series Housing

*Color:White

Ordering Information:

HDGC7921WRH-2P - ***

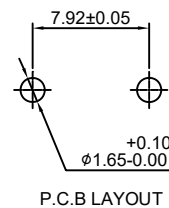
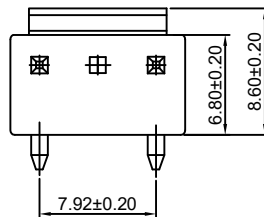
1 2

1.Part No.

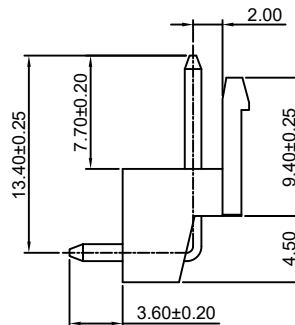
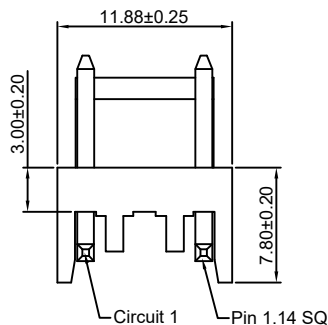
2.Material:

(blank):Nylon 66,UL94V-0

GWT:Nylon 66,UL94V-0,GWT 750°C



P.C.B LAYOUT



Unit: mm



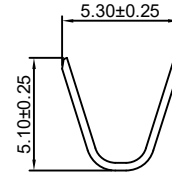
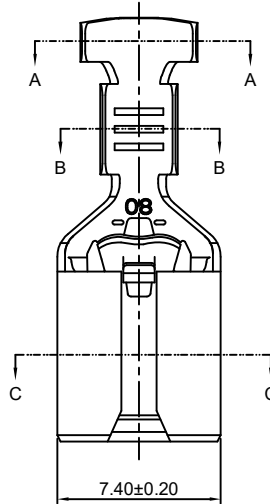
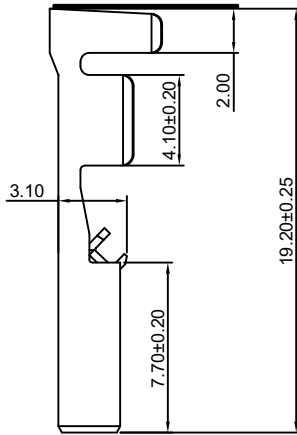
HDGC7921 Series 7.92mm (.312") - 5.00mm (.197") Pitch Wire to Board Connector

HDGC7921-T-A

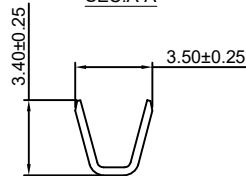
5.00mm pitch Crimp Terminal

Reference Informations:

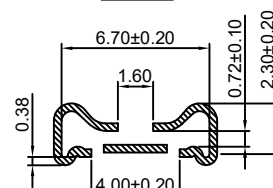
*Used in HDGC7921HC, HD-XP series Housing



SEC:A-A



SEC:B-B



SEC:C-C

Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
HDGC7921-TB-A	AWG#14-#18	3.30mm(max)	Brass	Tin over Nickel	5,000 PCS
HDGC7921-TP-A	AWG#14-#18	3.30mm(max)	Phosphor Bronze	Tin over Nickel	5,000 PCS
HDGC7921-SUS-A	AWG#14-#18	3.30mm(max)	SUS 304	-----	5,000 PCS

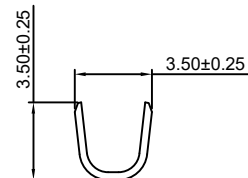
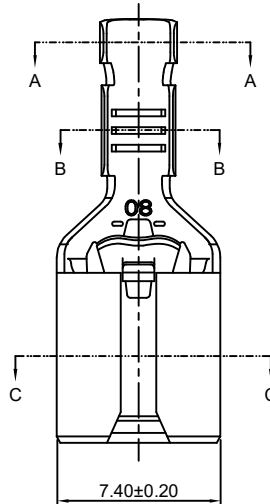
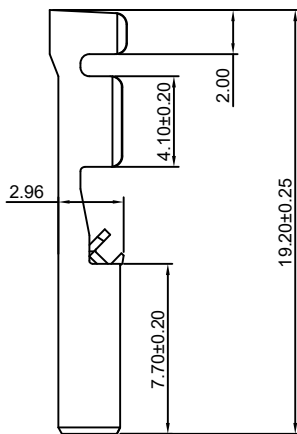
Optional Gold plating available but MOQ requested

HDGC7921-T-A-L

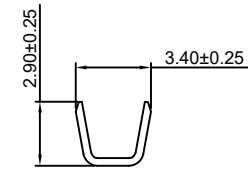
5.00mm pitch Crimp Terminal

Reference Informations:

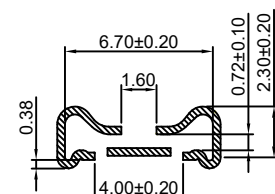
*Used in HDGC7921HC, HD-XP series Housing



SEC:A-A



SEC:B-B



SEC:C-C

Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
HDGC7921-TB-A-L	AWG#20-#22	1.80mm(max)	Brass	Tin over Nickel	5,000 PCS
HDGC7921-TP-A-L	AWG#20-#22	1.80mm(max)	Phosphor Bronze	Tin over Nickel	5,000 PCS
HDGC7921-SUS-A-L	AWG#20-#22	1.80mm(max)	SUS 304	-----	5,000 PCS

Optional Gold plating available but MOQ requested



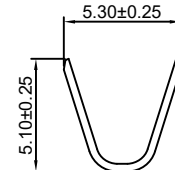
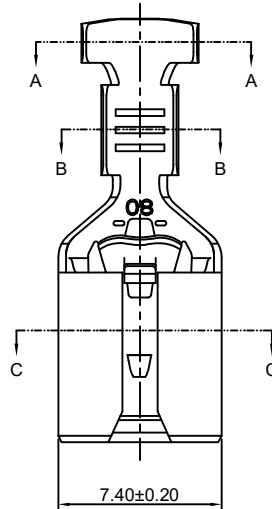
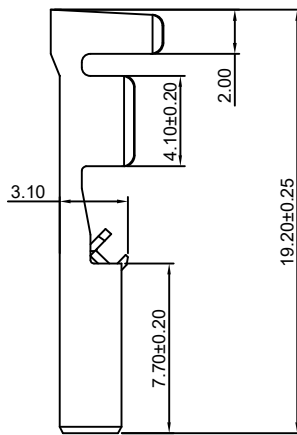
HDGC7921 Series 7.92mm (.312") - 5.00mm (.197") Pitch Wire to Board Connector

HDGC7921-T-B

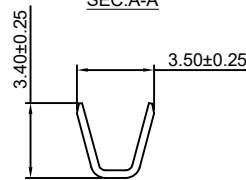
5.00mm pitch Crimp Terminal

Reference Informations:

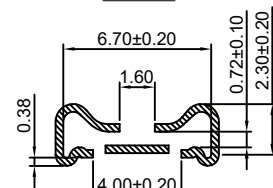
*Used in HDGC7921HC,HD-XP series Housing



SEC:A-A



SEC:B-B



SEC:C-C

Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
HDGC7921-TB-B	AWG#14-#18	3.30mm(max)	Brass	Tin over Nickel	5,000 PCS
HDGC7921-TP-B	AWG#14-#18	3.30mm(max)	Phosphor Bronze	Tin over Nickel	5,000 PCS
HDGC7921-SUS-B	AWG#14-#18	3.30mm(max)	SUS 304	-----	5,000 PCS

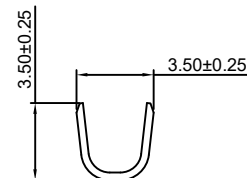
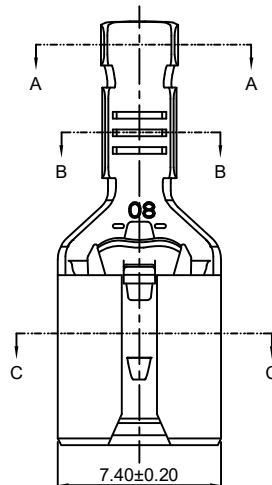
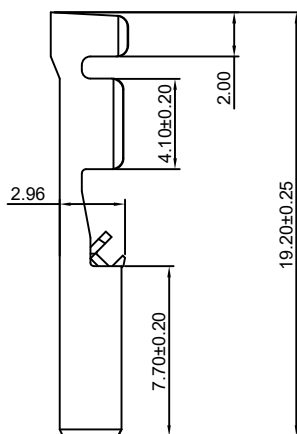
Optional Gold plating available but MOQ requested

HDGC7921-T-B-L

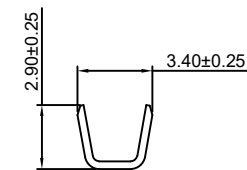
5.00mm pitch Crimp Terminal

Reference Informations:

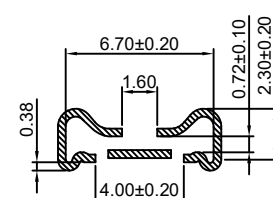
*Used in HDGC7921HC,HD-XP series Housing



SEC:A-A



SEC:B-B



SEC:C-C

Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
HDGC7921-TB-B-L	AWG#20-#22	1.80mm(max)	Brass	Tin over Nickel	5,000 PCS
HDGC7921-TP-B-L	AWG#20-#22	1.80mm(max)	Phosphor Bronze	Tin over Nickel	5,000 PCS
HDGC7921-SUS-B-L	AWG#20-#22	1.80mm(max)	SUS 304	-----	5,000 PCS

Optional Gold plating available but MOQ requested



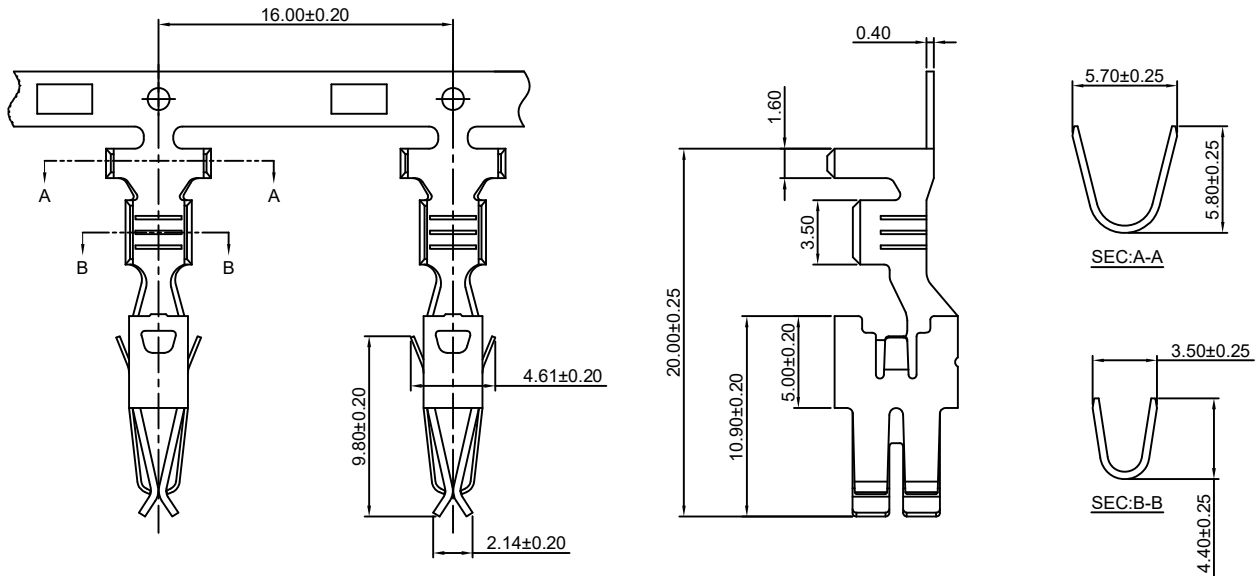
HDGC7921 Series 7.92mm (.312") - 5.00mm (.197") Pitch Wire to Board Connector

HDGC7921-T-C

5.00mm pitch Crimp Terminal

Reference Informations:

*Used in HDGC7921HCA-XP, HDGC7921HDA-XP series Housing



Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
HDGC7921-TCF-C	AWG#20-#22	1.80mm(max)	CuFe/Copper Iron	Tin over Nickel	2,300 PCS
HDGC7921-SCF-C	AWG#20-#22	1.80mm(max)	CuFe/Copper Iron	Silver Plated	2,300 PCS

Optional Gold plating available but MOQ requested



HDGC7921 Series 7.92mm (.312") - 5.00mm (.197") Pitch Wire to Board Connector

HDGC7921HC-XP

5.00mm pitch Housing

Reference Informations:

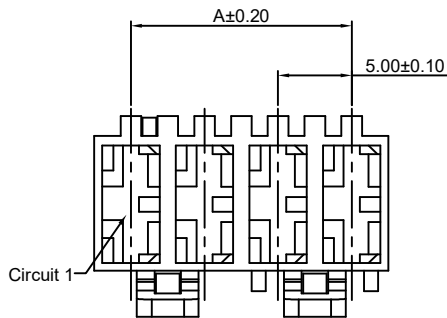
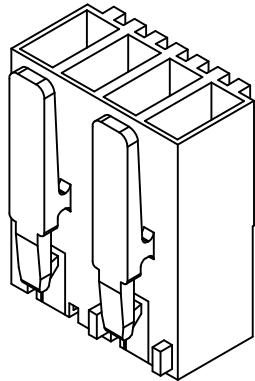
*Material: Nylon 66, UL94V-0, GWT 750°C

*Suitable HDGC7921-T-A(-L), HDGC7921-T-B(-L) series Terminal

*Mates with HDGC7921WVA, WVB, WRA, WRA-R, WRA-RH, WRA-RH-F-XP series Wafer

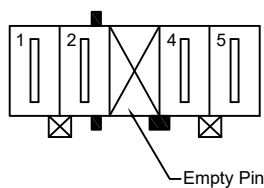
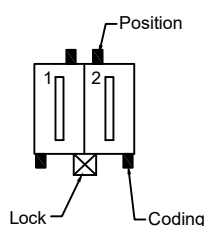
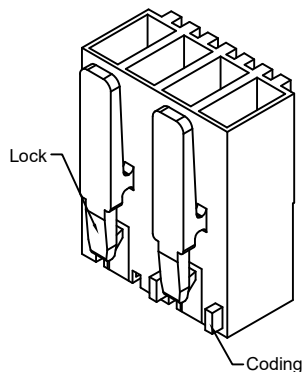
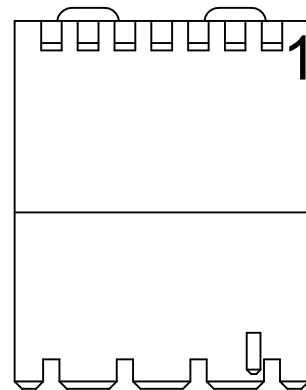
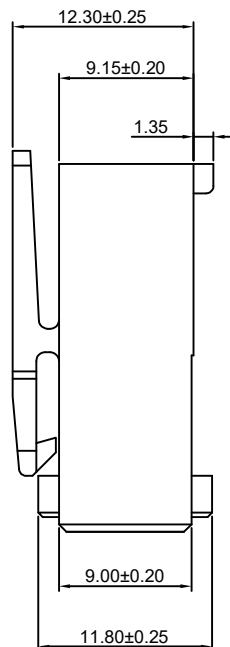
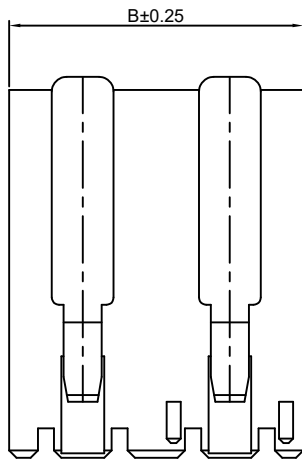
*Compliant IEC 60695-2-11 and IEC 60335-1(750°C, Flamme<2S)

*Color: Ivory



Ordering Information:
HDGC7921HC-XP - **
1 2

1. Part No.
2. Please find page 620~624 for details.



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	5.00	10.00
3P	10.00	15.00
4P	15.00	20.00
5P	20.00	25.00
6P	25.00	30.00
7P	30.00	35.00
8P	35.00	40.00
9P	40.00	45.00
10P	45.00	50.00
11P	50.00	55.00
12P	55.00	60.00

Unit: mm



HDGC7921 SERIES



HDGC7921 Series 7.92mm (.312") - 5.00mm (.197") Pitch Wire to Board Connector

HDGC7921HD-XP

5.00mm pitch Housing

Reference Informations:

*Material: Nylon 66, UL94V-0, GWT 750°C

*Suitable HDGC7921-T-A(-L), HDGC7921-T-B(-L) series Terminal

*Mates with HDGC7921WVA, WVB, WRA, WRA-R, WRA-RH, WRA-RH-F-XP series Wafer

*Compliant IEC 60695-2-11 and IEC 60335-1(750°C, Flamme<2S)

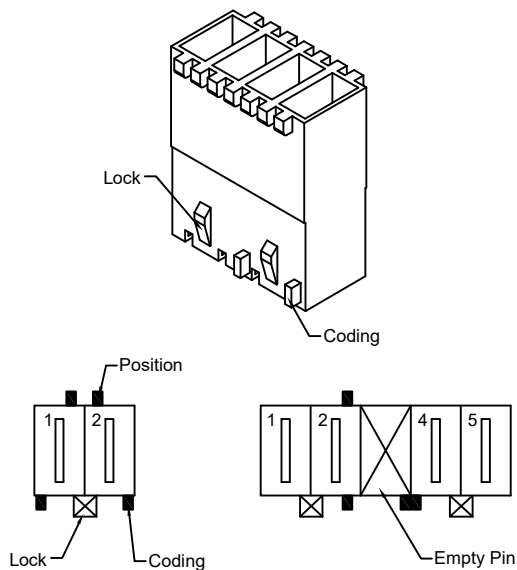
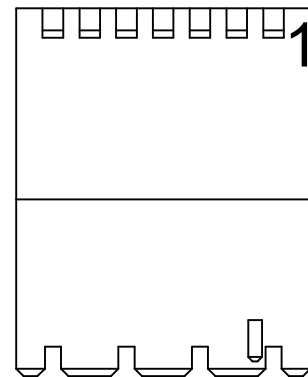
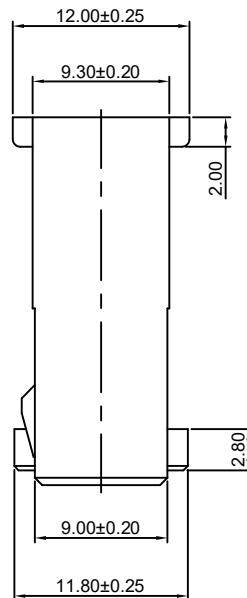
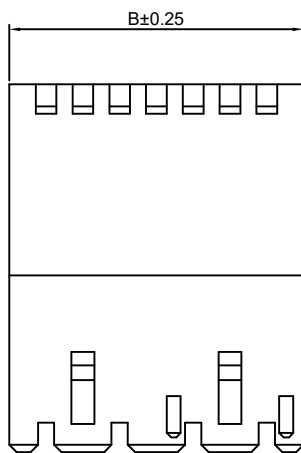
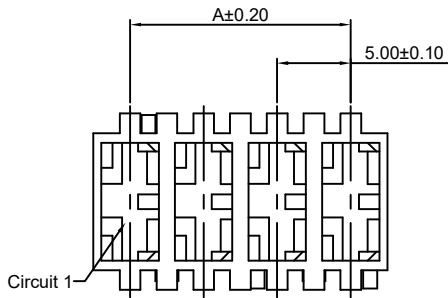
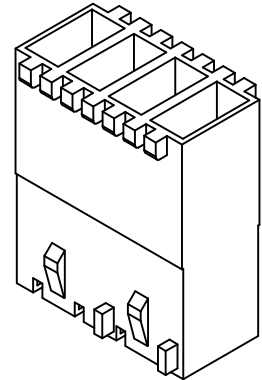
*Color: Ivory

Ordering Information:

HDGC7921HD-XP - **
1 2

1. Part No.

2. Please find page 620~624 for details.



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	5.00	10.00
3P	10.00	15.00
4P	15.00	20.00
5P	20.00	25.00
6P	25.00	30.00
7P	30.00	35.00
8P	35.00	40.00
9P	40.00	45.00
10P	45.00	50.00
11P	50.00	55.00
12P	55.00	60.00

Unit: mm



HDGC7921 SERIES



HDGC7921 Series 7.92mm (.312") - 5.00mm (.197") Pitch Wire to Board Connector

HDGC7921HCA-XP

5.00mm pitch Housing

Reference Informations:

*Material: Nylon 66, UL94V-0, GWT 750°C

*Suitable HDGC7921-T-C series Terminal

*Mates with HDGC7921WVA, WVB, WRA, WRA-R, WRA-RH, WRA-RH-F-XP series Wafer

*Compliant IEC 60695-2-11 and IEC 60335-1(750°C, Flamme<2S)

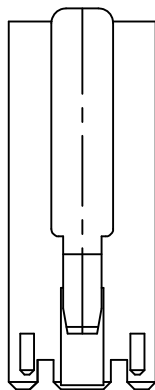
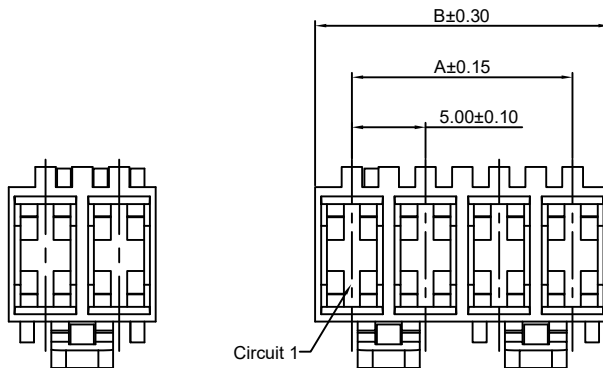
*Color: Ivory

Ordering Information:

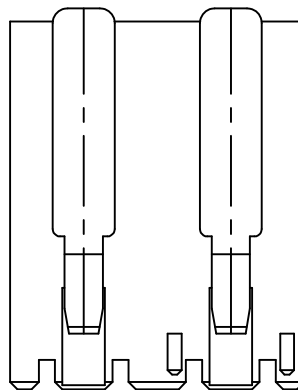
HDGC7921HCA-XP - **
1 2

1. Part No.

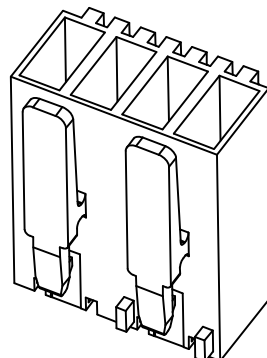
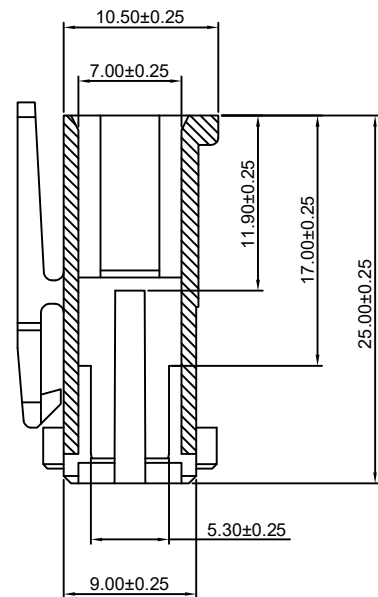
2. Please find page 620~624 for details.



02P



03P-12P



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	5.00	10.00
3P	10.00	15.00
4P	15.00	20.00
5P	20.00	25.00
6P	25.00	30.00
7P	30.00	35.00
8P	35.00	40.00
9P	40.00	45.00
10P	45.00	50.00
11P	50.00	55.00
12P	55.00	60.00

Unit: mm



HDGC7921 Series 7.92mm (.312") - 5.00mm (.197") Pitch Wire to Board Connector

HDGC7921HDA-XP

5.00mm pitch Housing

Reference Informations:

*Material: Nylon 66, UL94V-0, GWT 750°C

*Suitable HDGC7921-T-C series Terminal

*Mates with HDGC7921WVA, WVB, WRA, WRA-R, WRA-RH, WRA-RH-F-XP series Wafer

*Compliant IEC 60695-2-11 and IEC 60335-1(750°C, Flamme<2S)

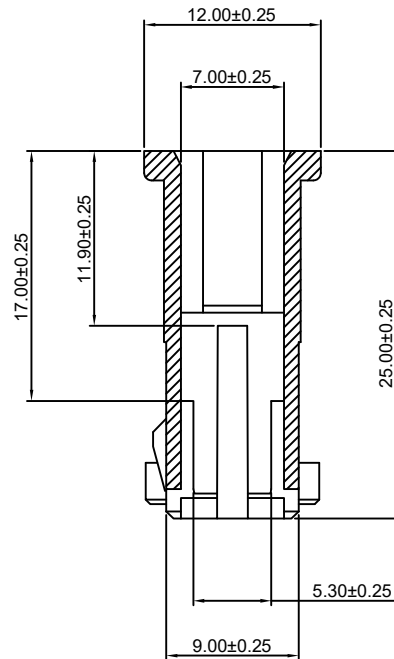
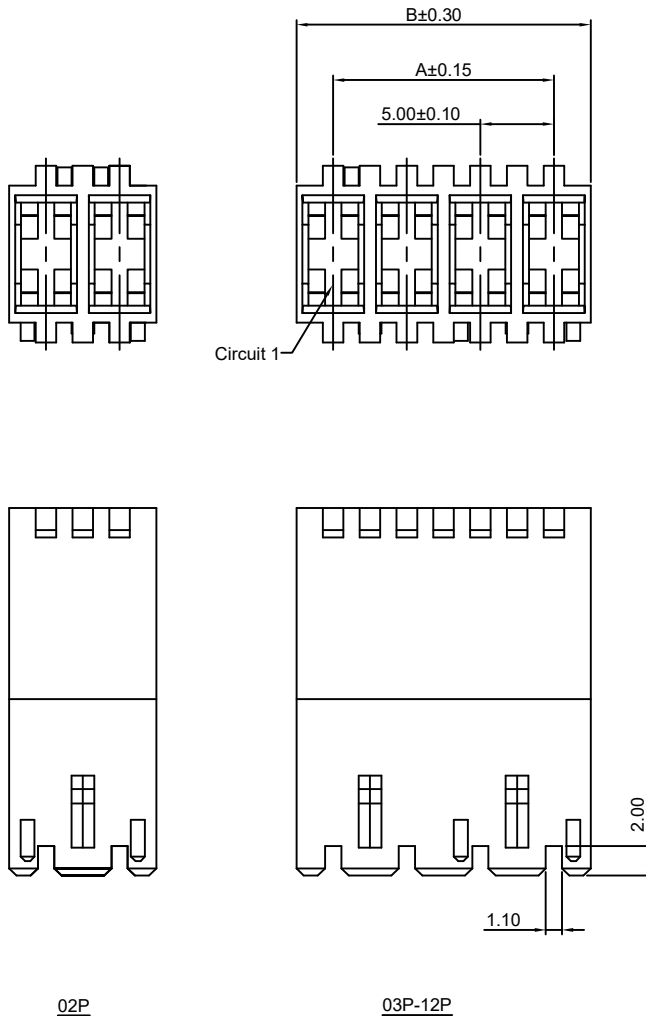
*Color: Ivory

Ordering Information:

HDGC7921HDA-XP - **
1 2

1. Part No.

2. Please find page 620~624 for details.



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	5.00	10.00
3P	10.00	15.00
4P	15.00	20.00
5P	20.00	25.00
6P	25.00	30.00
7P	30.00	35.00
8P	35.00	40.00
9P	40.00	45.00
10P	45.00	50.00
11P	50.00	55.00
12P	55.00	60.00

Unit: mm



HDGC7921 Series 7.92mm (.312") - 5.00mm (.197") Pitch Wire to Board Connector

HDGC7921WVA-XP

5.00mm pitch 180° Wafer

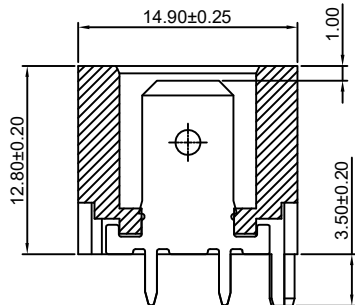
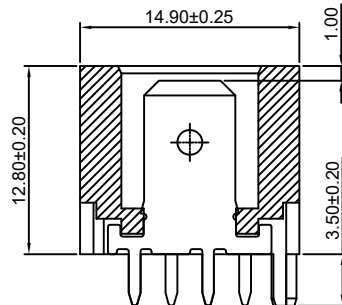
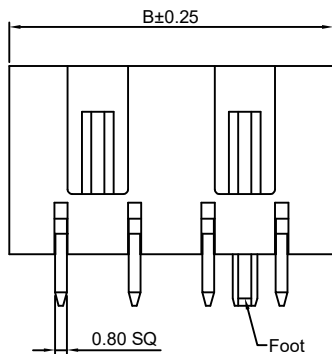
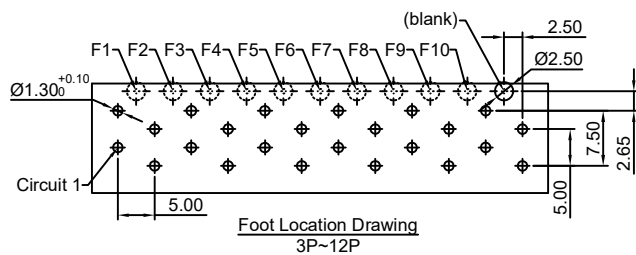
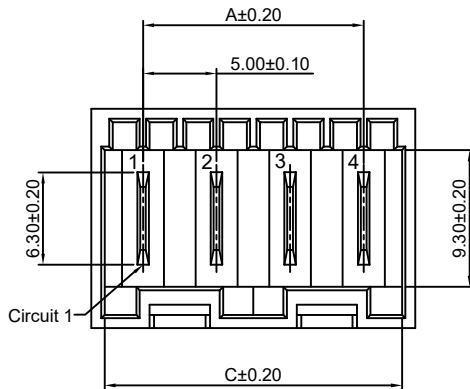
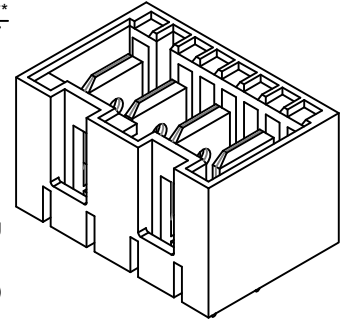
Reference Informations:

- *Material: Insulator: Nylon 66, UL94V-0, GWT 750°C
Terminal: Brass (Tab is 6.30x0.80)
- *Suitable HDGC7921HC, HD, HCA, HDA-XP series Housing
- *Contact: Tin Plated 80~120u" over Ni 30~50u"
Silver Plated 80~120u" over Ni 30~50u"
- *Compliant IEC 60695-2-11 and IEC 60335-1 (750°C, Flamme<2S)
- *Color: Ivory

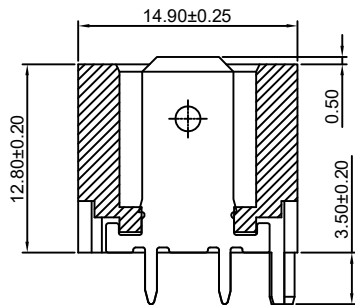
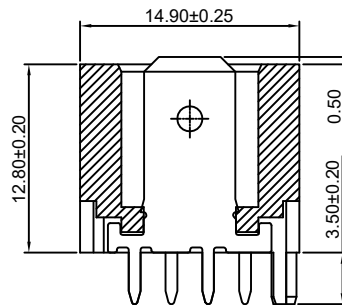
Ordering Information:

HDGC7921WVA - XP - $\frac{*}{2} - \frac{**}{3} - \frac{**}{4} - \frac{***}{5} - \frac{***}{6} - \frac{***}{7}$

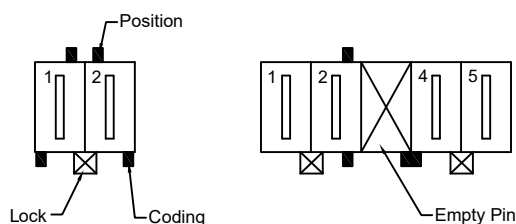
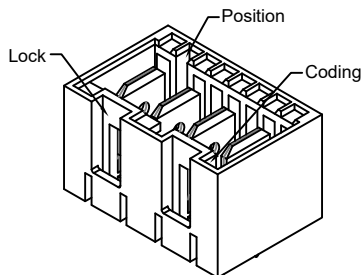
1. Part No.
2. Circuit number.
3. Terminal Finish:
(blank): Tin over Nickel
S: Silver over Nickel
4. Please find page 620~624 for details.
5. Foot:
(blank): See the Foot Location Drawing
F1~F10: See the Foot Location Drawing
6. Void position:
A: Void position (Odd numbers)
N*: Void position (Arbitrarily numbers)
7. Terminal Style:
(blank): TYPE 1
TH1~TH12: TYPE 2 (pre-mating protective contact, protruding 1.5mm, possible at any position)



TYPE 1



TYPE 2



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
2P	5.00	12.00	10.20
3P	10.00	17.00	15.20
4P	15.00	22.00	20.20
5P	20.00	27.00	25.20
6P	25.00	32.00	30.20
7P	30.00	37.00	35.20
8P	35.00	42.00	40.20
9P	40.00	47.00	45.20
10P	45.00	52.00	50.20
11P	50.00	57.00	55.20
12P	55.00	62.00	60.20

Unit: mm



HDGC7921 Series 7.92mm (.312") - 5.00mm (.197") Pitch Wire to Board Connector

HDGC7921WVB-XP

5.00mm pitch 180° Wafer - Pottable Version

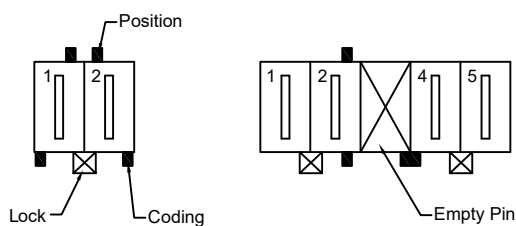
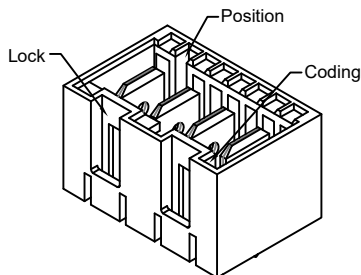
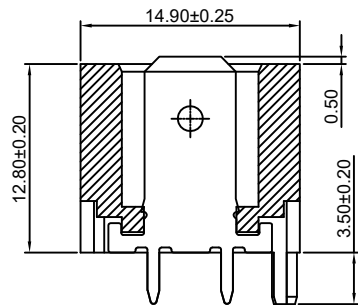
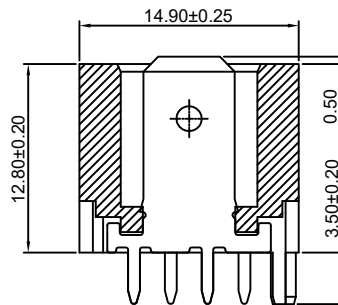
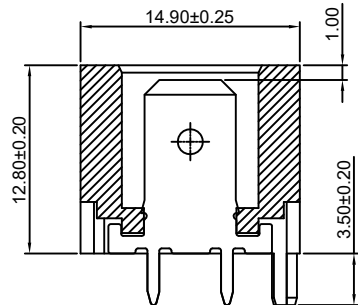
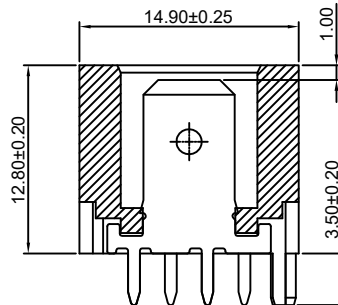
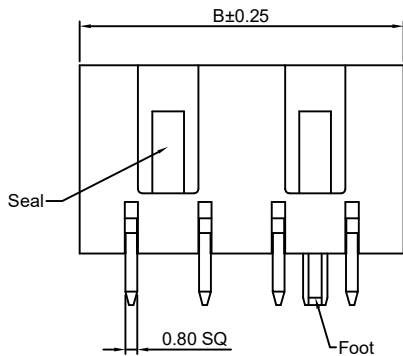
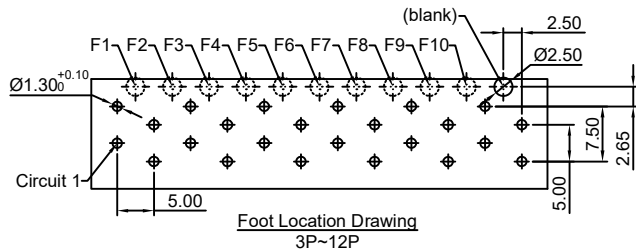
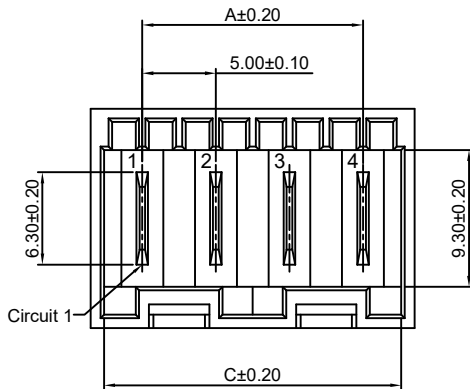
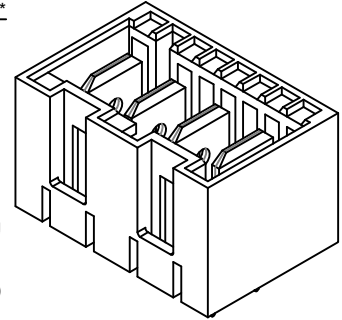
Reference Informations:

- *Material: Insulator: Nylon 66, UL94V-0, GWT 750°C
Terminal: Brass (Tab is 6.30x0.80)
- *Suitable HDGC7921HC, HD, HCA, HDA-XP series Housing
- *Contact: Tin Plated 80~120u" over Ni 30~50u"
Silver Plated 80~120u" over Ni 30~50u"
- *Compliant IEC 60695-2-11 and IEC 60335-1(750°C, Flamme<2S)
- *Color: Ivory

Ordering Information:

HDGC7921WVB - XP - $\frac{*}{1} - \frac{*}{2} - \frac{*}{3} - \frac{*}{4} - \frac{*}{5} - \frac{*}{6} - \frac{*}{7}$

1. Part No.
2. Circuit number.
3. Terminal Finish:
(blank): Tin over Nickel
S: Silver over Nickel
4. Please find page 620~624 for details.
5. Foot:
(blank): See the Foot Location Drawing
F1~F10: See the Foot Location Drawing
6. Void position:
A: Void position (Odd numbers)
N*: *: Void position (Arbitrarily numbers)
7. Terminal Style:
(blank): TYPE 1
TH1~TH12: TYPE 2 (pre-mating protective contact, protruding 1.5mm, possible at any position)



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
2P	5.00	12.00	10.20
3P	10.00	17.00	15.20
4P	15.00	22.00	20.20
5P	20.00	27.00	25.20
6P	25.00	32.00	30.20
7P	30.00	37.00	35.20
8P	35.00	42.00	40.20
9P	40.00	47.00	45.20
10P	45.00	52.00	50.20
11P	50.00	57.00	55.20
12P	55.00	62.00	60.20

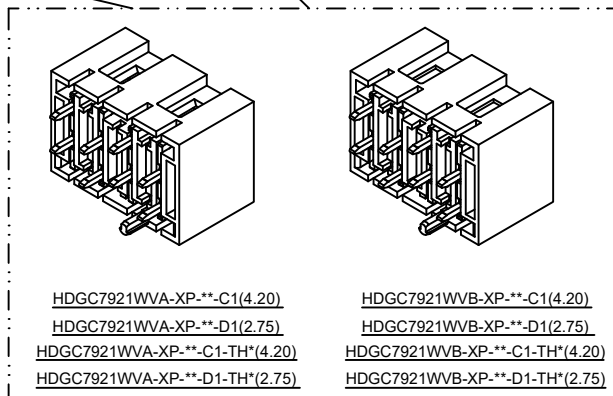
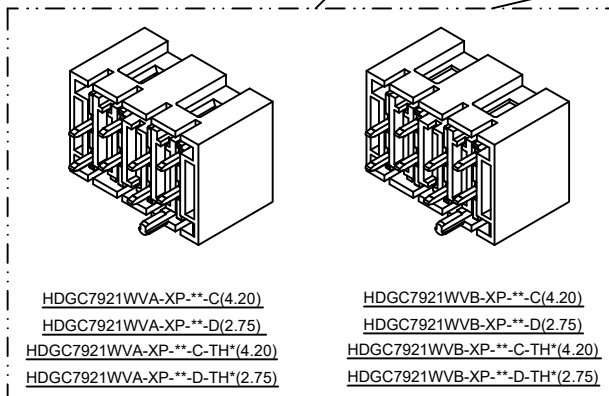
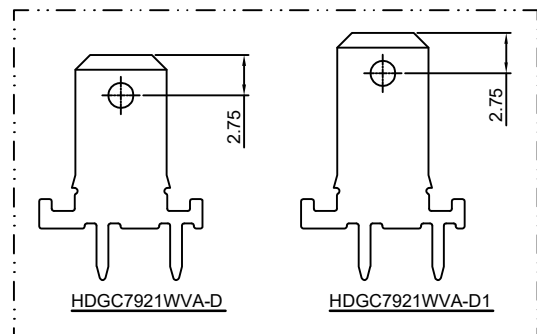
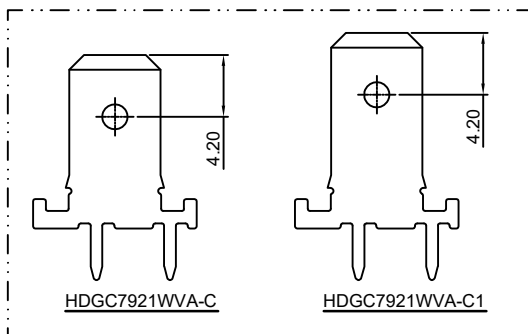
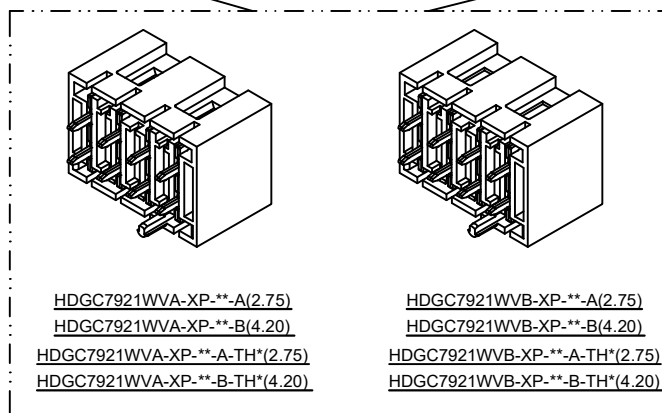
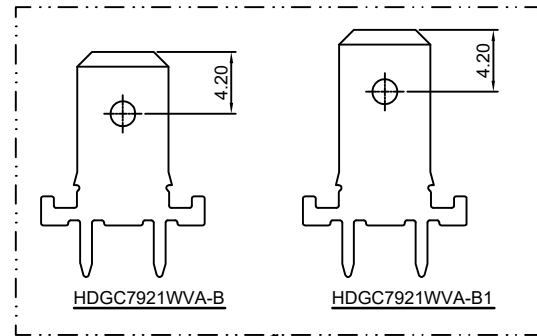
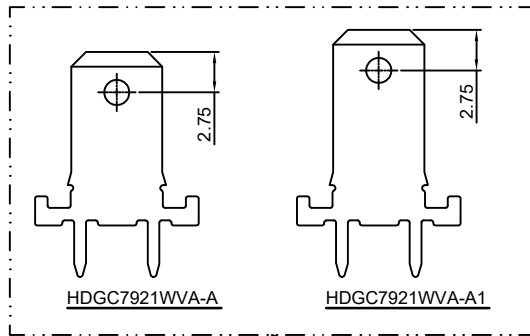
Unit: mm



HDGC7921 Series 7.92mm (.312") - 5.00mm (.197") Pitch Wire to Board Connector

HDGC7921WVA/WVB

5.00mm pitch 180° Wafer

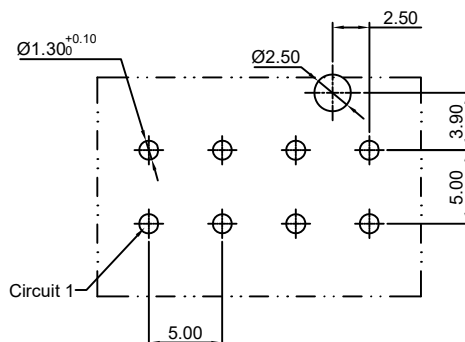




HDGC7921 Series 7.92mm (.312") - 5.00mm (.197") Pitch Wire to Board Connector

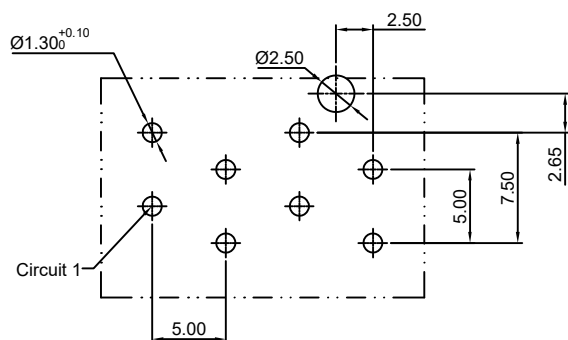
HDGC7921WVA/WVB

-5.00mm pitch 180° Wafer

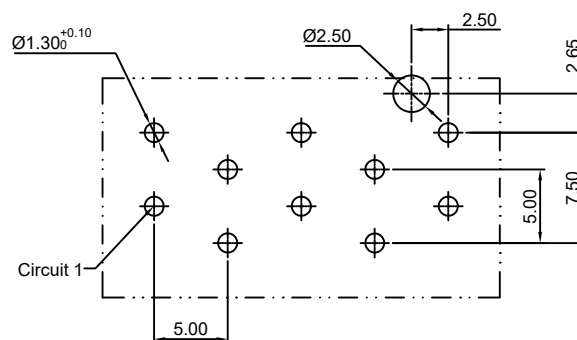


P.C.B LAYOUT-COMPONENT SIDE

[HDGC7921WVA-XP--A-(2.75)]	[HDGC7921WVB-XP--A-(2.75)]
[HDGC7921WVA-XP--B(4.20)]	[HDGC7921WVB-XP--B(4.20)]
[HDGC7921WVA-XP--A-TH*(2.75)]	[HDGC7921WVB-XP--A-TH*(2.75)]
[HDGC7921WVA-XP--B-TH*(4.20)]	[HDGC7921WVB-XP--B-TH*(4.20)]



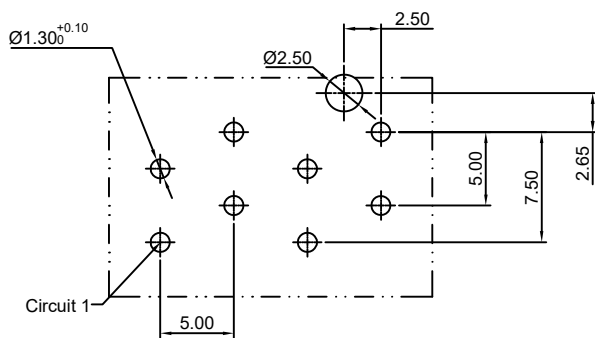
Even numbers



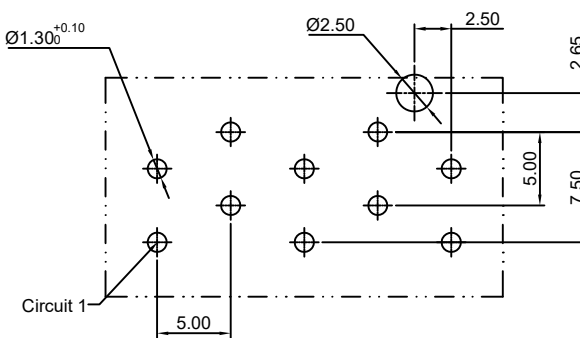
ODD numbers

P.C.B LAYOUT-COMPONENT SIDE

[HDGC7921WVA-XP-**-C(4.20)]	[HDGC7921WVB-XP-**-C(4.20)]
[HDGC7921WVA-XP-**-D(2.75)]	[HDGC7921WVB-XP-**-D(2.75)]
[HDGC7921WVA-XP-**-C-TH*(4.20)]	[HDGC7921WVB-XP-**-C-TH*(4.20)]
[HDGC7921WVA-XP-**-D-TH*(2.75)]	[HDGC7921WVB-XP-**-D-TH*(2.75)]



Even numbers



ODD numbers

P.C.B LAYOUT-COMPONENT SIDE

[HDGC7921WVA-XP--C1(4.20)]	[HDGC7921WVB-XP--C1(4.20)]
[HDGC7921WVA-XP--D1(2.75)]	[HDGC7921WVB-XP--D1(2.75)]
[HDGC7921WVA-XP--C1-TH*(4.20)]	[HDGC7921WVB-XP--C1-TH*(4.20)]
[HDGC7921WVA-XP--D1-TH*(2.75)]	[HDGC7921WVB-XP--D1-TH*(2.75)]



HDGC7921 Series 7.92mm (.312") - 5.00mm (.197") Pitch Wire to Board Connector

HDGC7921WRA-XP

5.00mm pitch 90° Wafer

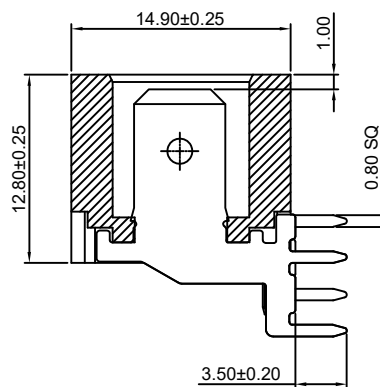
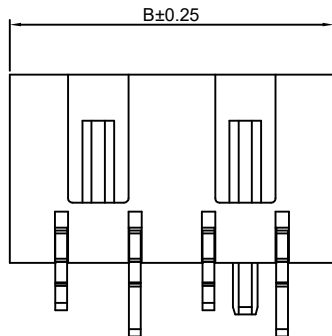
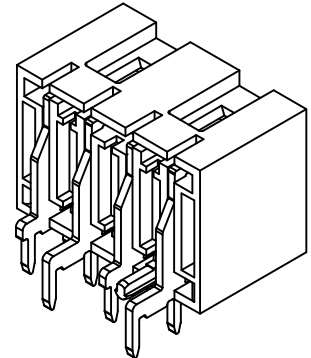
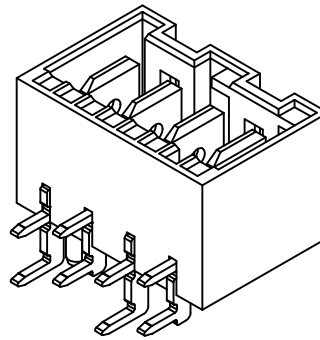
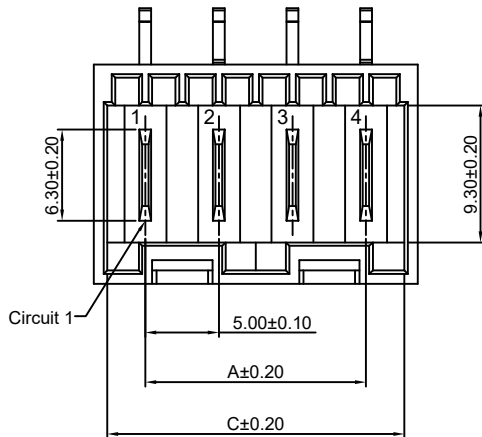
Reference Informations:

- *Material: Insulator: Nylon 66, UL94V-0, GWT 750°C
Terminal: Brass (Tab is 6.30x0.80)
- *Suitable HDGC7921HC, HD, HCA, HDA-XP series Housing
- *Contact: Tin Plated 80~120u" over Ni 30~50u"
Silver Plated 80~120u" over Ni 30~50u"
- *Compliant IEC 60695-2-11 and IEC 60335-1(750°C, Flamme<2S)
- *Color: Ivory

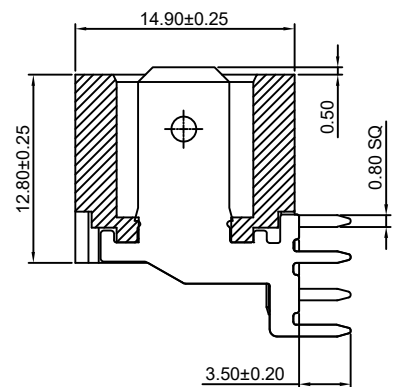
Ordering Information:

HDGC7921WRA - XP - * - ** - *** - ****
1 2 3 4 5 6

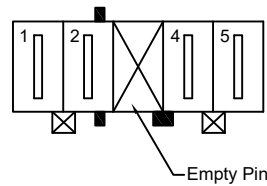
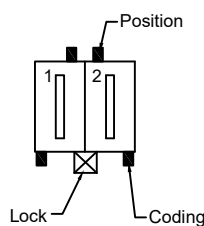
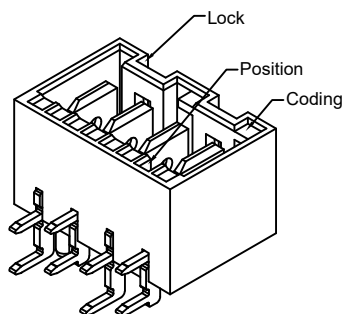
1. Part No.
2. Circuit number.
3. Terminal Finish:
(blank): Tin over Nickel
S: Silver over Nickel
4. Please find page 620~624 for details.
5. Void position:
A: Void position (Odd numbers)
N*: ** : Void position (Arbitrarily numbers)
6. Terminal Style:
(blank): TYPE 1
TH1~TH12: TYPE 2 (pre-mating protective contact, protruding 1.5mm, possible at any position)



TYPE 1



TYPE 2



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
2P	5.00	12.00	10.20
3P	10.00	17.00	15.20
4P	15.00	22.00	20.20
5P	20.00	27.00	25.20
6P	25.00	32.00	30.20
7P	30.00	37.00	35.20
8P	35.00	42.00	40.20
9P	40.00	47.00	45.20
10P	45.00	52.00	50.20
11P	50.00	57.00	55.20
12P	55.00	62.00	60.20

Unit: mm



HDGC7921 Series 7.92mm (.312") - 5.00mm (.197") Pitch Wire to Board Connector

HDGC7921WRA-R-XP

5.00mm pitch 90° Wafer

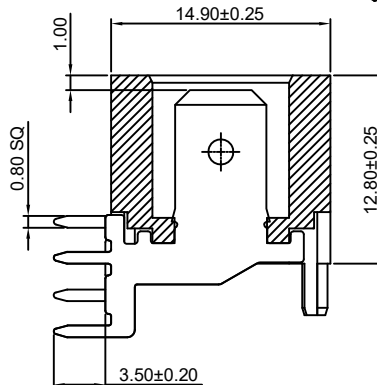
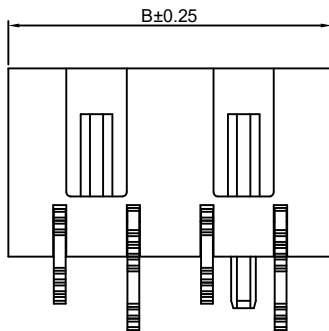
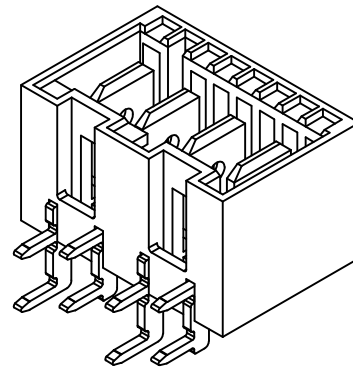
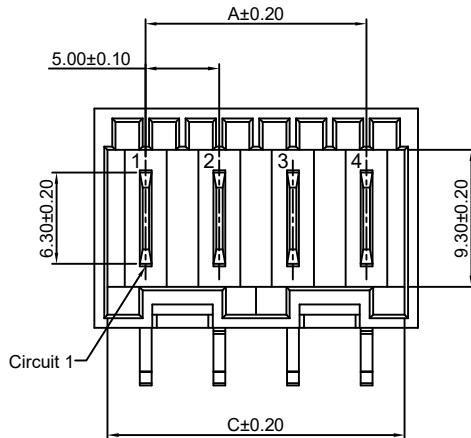
Reference Informations:

- *Material: Insulator: Nylon 66, UL94V-0, GWT 750°C
Terminal: Brass (Tab is 6.30x0.80)
- *Suitable HDGC7921HC, HD, HCA, HDA-XP series Housing
- *Contact: Tin Plated 80~120u" over Ni 30~50u"
Silver Plated 80~120u" over Ni 30~50u"
- *Compliant IEC 60695-2-11 and IEC 60335-1 (750°C, Flamme<2S)
- *Color: Ivory

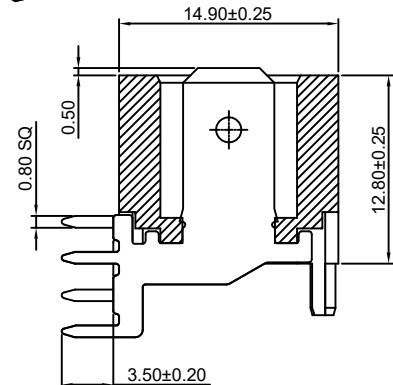
Ordering Information:

HDGC7921WRA - R - XP - * - ** - *** - ***
1 2 3 4 5 6 7

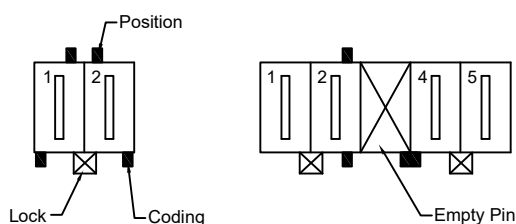
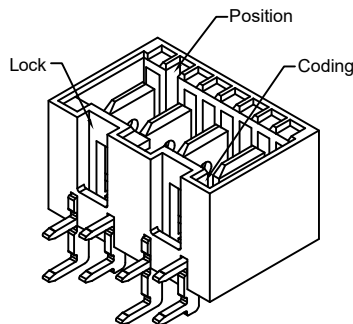
1. Part No.
2. Reverse Type
3. Circuit number.
4. Terminal Finish:
(blank): Tin over Nickel
S: Silver over Nickel
5. Please find page 620~624 for details.
6. Void position:
A: Void position (Odd numbers)
N*: *: Void position (Arbitrarily numbers)
7. Terminal Style:
(blank): TYPE 1
TH1~TH12: TYPE 2 (pre-mating protective contact, protruding 1.5mm, possible at any position)



TYPE 1



TYPE 2



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
2P	5.00	12.00	10.20
3P	10.00	17.00	15.20
4P	15.00	22.00	20.20
5P	20.00	27.00	25.20
6P	25.00	32.00	30.20
7P	30.00	37.00	35.20
8P	35.00	42.00	40.20
9P	40.00	47.00	45.20
10P	45.00	52.00	50.20
11P	50.00	57.00	55.20
12P	55.00	62.00	60.20

Unit: mm



HDGC7921 Series 7.92mm (.312") - 5.00mm (.197") Pitch Wire to Board Connector

HDGC7921WRA-RH-XP

5.00mm pitch 90° Wafer

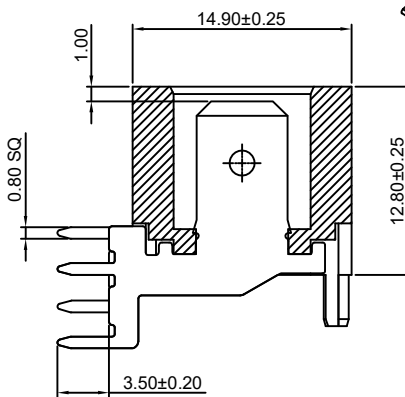
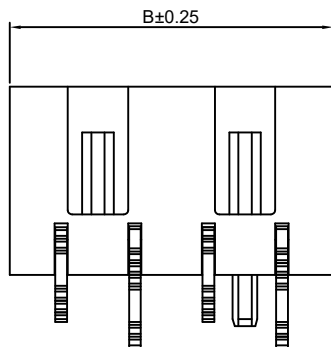
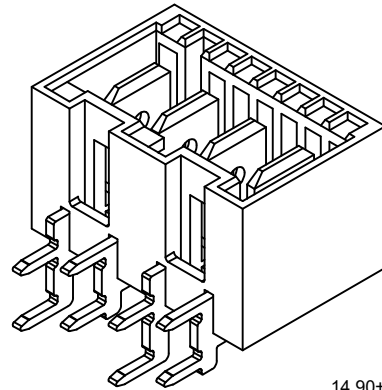
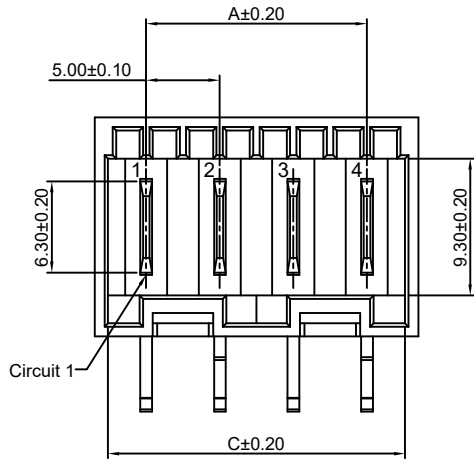
Reference Informations:

- *Material: Insulator: Nylon 66, UL94V-0, GWT 750°C
Terminal: Brass (Tab is 6.30x0.80)
- *Suitable HDGC7921HC, HD, HCA, HDA-XP series Housing
- *Contact: Tin Plated 80~120u" over Ni 30~50u"
Silver Plated 80~120u" over Ni 30~50u"
- *Compliant IEC 60695-2-11 and IEC 60335-1(750°C, Flamme<2S)
- *Color: Ivory

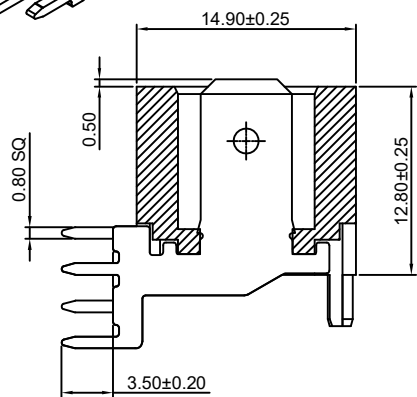
Ordering Information:

HDGC7921WRA - RH - XP - * - ** - *** - ***
1 2 3 4 5 6 7

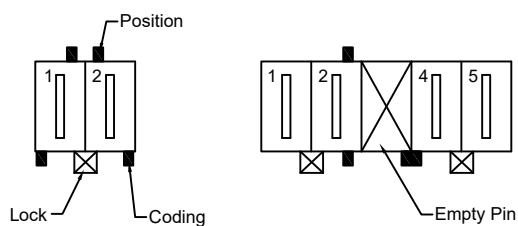
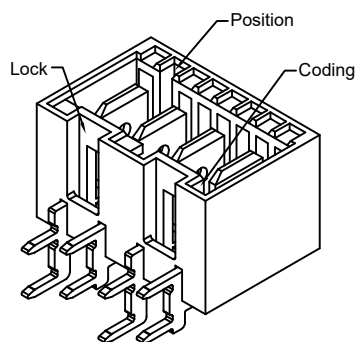
1. Part No.
2. Reverse Type
3. Circuit number.
4. Terminal Finish:
(blank): Tin over Nickel
S: Silver over Nickel
5. Please find page 620~624 for details.
6. Void position:
A: Void position (Odd numbers)
N*: Void position (Arbitrarily numbers)
7. Terminal Style:
(blank): TYPE 1
TH1~TH12: TYPE 2 (pre-mating protective contact, protruding 1.5mm, possible at any position)



TYPE 1



TYPE 2



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
2P	5.00	12.00	10.20
3P	10.00	17.00	15.20
4P	15.00	22.00	20.20
5P	20.00	27.00	25.20
6P	25.00	32.00	30.20
7P	30.00	37.00	35.20
8P	35.00	42.00	40.20
9P	40.00	47.00	45.20
10P	45.00	52.00	50.20
11P	50.00	57.00	55.20
12P	55.00	62.00	60.20

Unit: mm



HDGC7921 Series 7.92mm (.312") - 5.00mm (.197") Pitch Wire to Board Connector

HDGC7921WRA-RH-F-XP

5.00mm pitch 90° Wafer

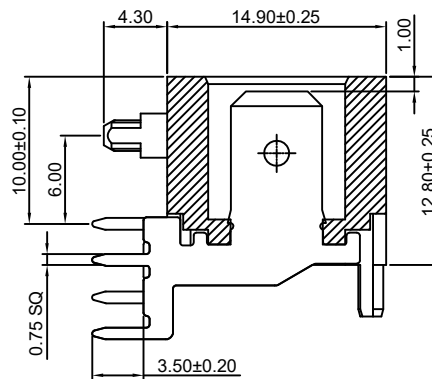
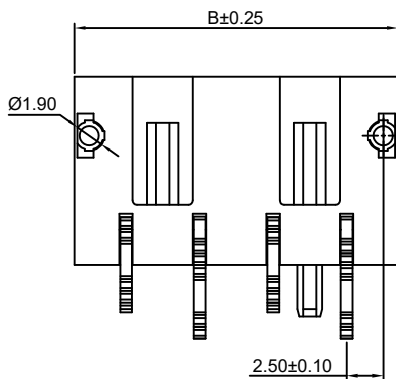
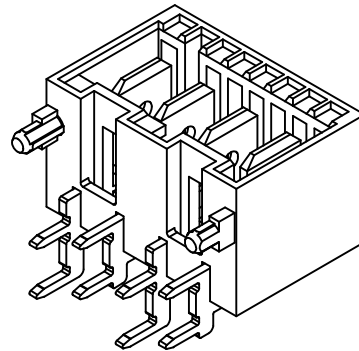
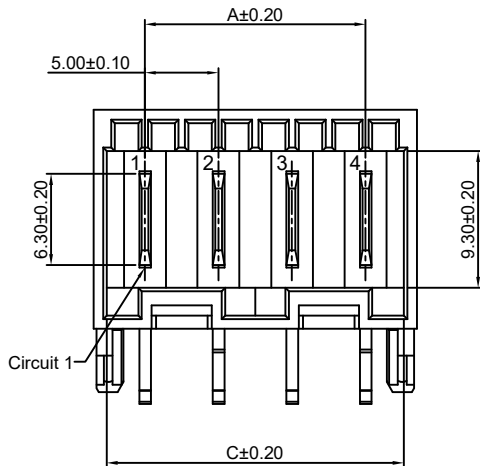
Reference Informations:

- *Material: Insulator: Nylon 66, UL94V-0, GWT 750°C
Terminal: Brass (Tab is 6.30x0.80)
- *Suitable HDGC7921HC, HD, HCA, HDA-XP series Housing
- *Contact: Tin Plated 80~120u" over Ni 30~50u"
Silver Plated 80~120u" over Ni 30~50u"
- *Compliant IEC 60695-2-11 and IEC 60335-1(750°C, Flamme<2S)
- *Color: Ivory

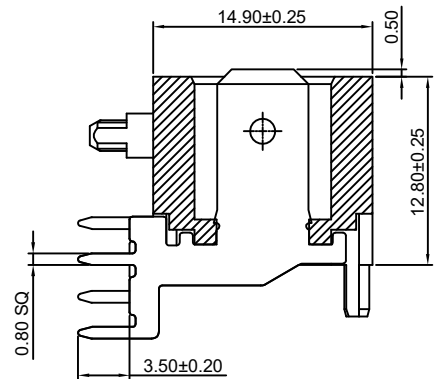
Ordering Information:

HDGC7921WRA - RH - F - XP - * - ** - *** - ***
1 2 3 4 5 6 7 8

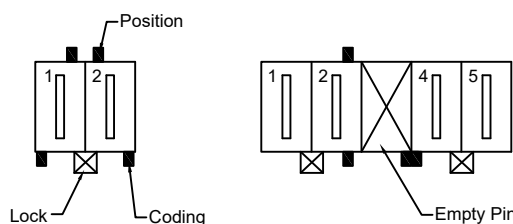
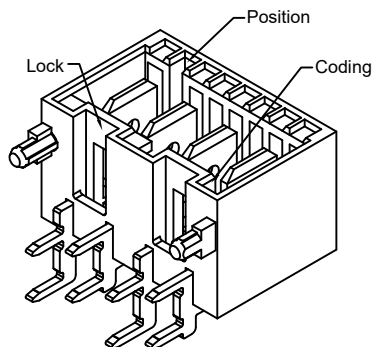
1. Part No.
2. Reverse Type
3. Foot
4. Circuit number.
5. Terminal Finish:
(blank): Tin over Nickel
S: Silver over Nickel
6. Please find page 620~624 for details.
7. Void position:
A: Void position (Odd numbers)
N*: Void position (Arbitrarily numbers)
8. Terminal Style:
(blank): TYPE 1
TH1~TH12: TYPE 2 (pre-mating protective contact, protruding 1.5mm, possible at any position)



TYPE 1



TYPE 2



Ordering Information & Dimensions:

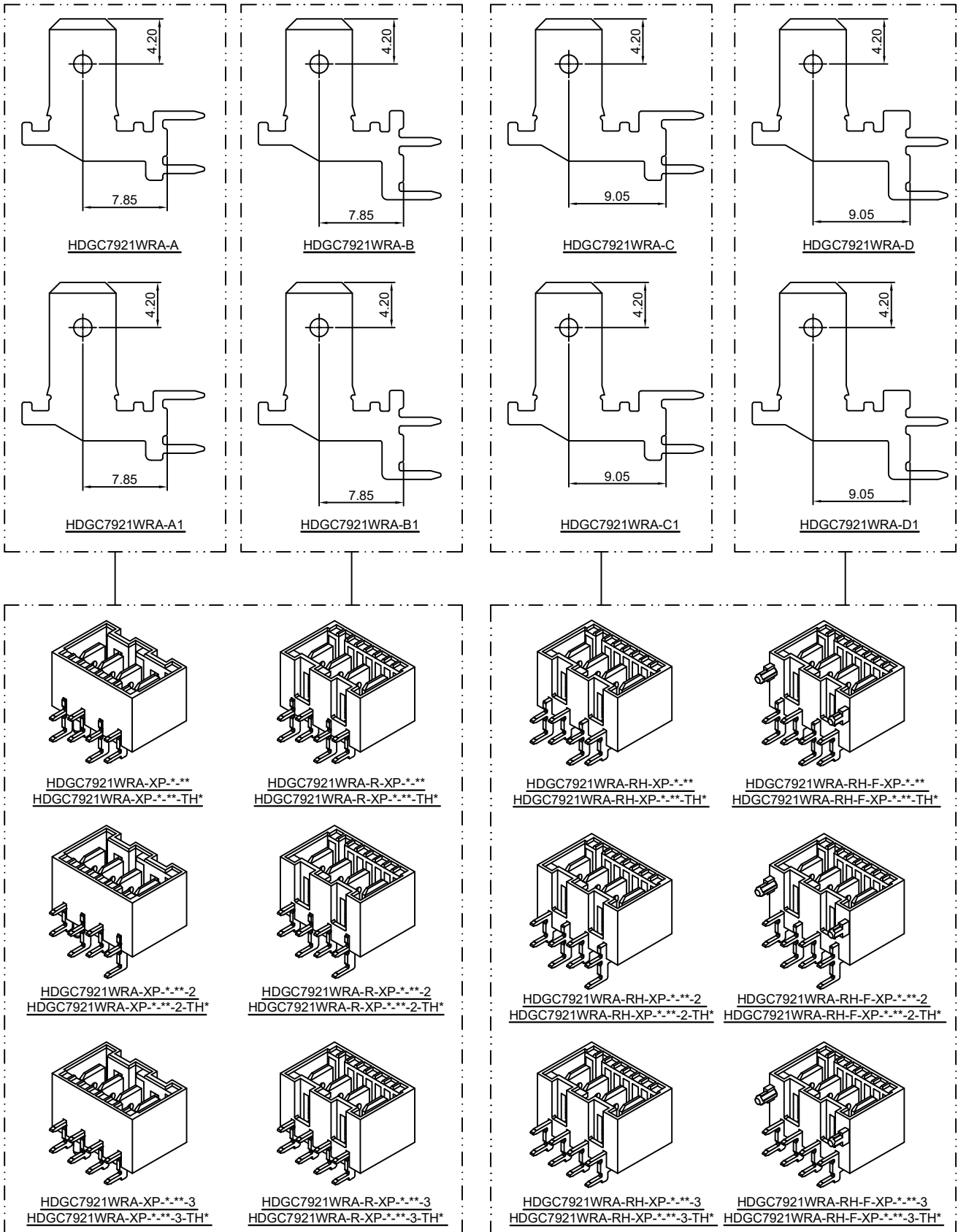
PART NO.	Dimensions		
	A	B	C
2P	5.00	12.00	10.20
3P	10.00	17.00	15.20
4P	15.00	22.00	20.20
5P	20.00	27.00	25.20
6P	25.00	32.00	30.20
7P	30.00	37.00	35.20
8P	35.00	42.00	40.20
9P	40.00	47.00	45.20
10P	45.00	52.00	50.20
11P	50.00	57.00	55.20
12P	55.00	62.00	60.20

Unit: mm



HDGC7921WRA

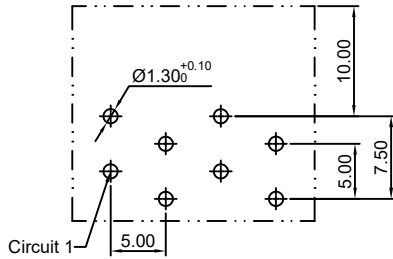
5.00mm pitch 90° Wafer



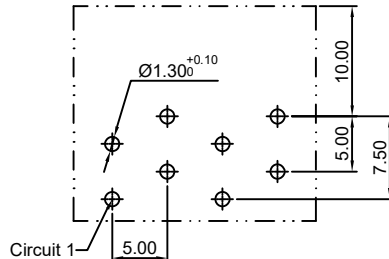


HDGC7921WRA

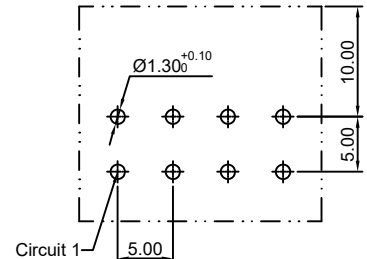
5.00mm pitch 90° Wafer



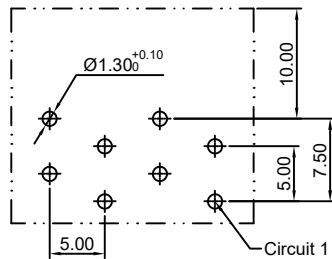
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[HDGC7921WRA-XP-***]
[HDGC7921WRA-XP-***-TH*]



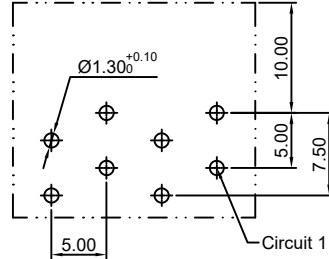
P.C.B LAYOUT-COMPONENT SIDE
[HDGC7921WRA-XP-***-2]
[HDGC7921WRA-XP-***-2-TH*]



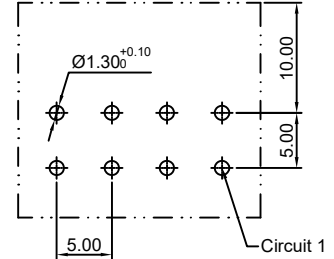
P.C.B LAYOUT-COMPONENT SIDE
[HDGC7921WRA-XP-***-3]
[HDGC7921WRA-XP-***-3-TH*]



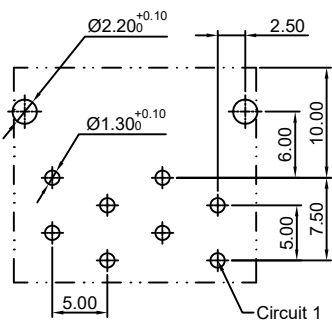
P.C.B LAYOUT-COMPONENT SIDE
[HDGC7921WRA-R-XP-***]
[HDGC7921WRA-RH-XP-***]
[HDGC7921WRA-R-XP-***-TH*]
[HDGC7921WRA-RH-XP-***-TH*]



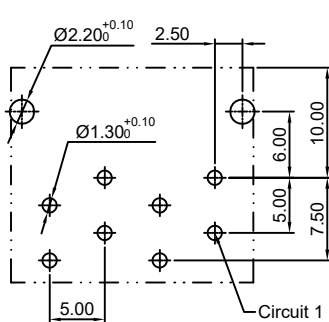
P.C.B LAYOUT-COMPONENT SIDE
[HDGC7921WRA-R-XP-***-2]
[HDGC7921WRA-RH-XP-***-2]
[HDGC7921WRA-R-XP-***-2-TH*]
[HDGC7921WRA-RH-XP-***-2-TH*]



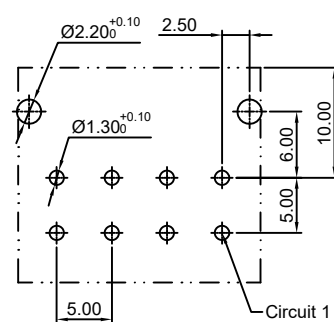
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[HDGC7921WRA-R-XP-***-3]
[HDGC7921WRA-RH-XP-***-3]
[HDGC7921WRA-R-XP-***-3-TH*]
[HDGC7921WRA-RH-XP-***-3-TH*]



P.C.B LAYOUT-COMPONENT SIDE
[HDGC7921WRA-RH-F-XP-***]
[HDGC7921WRA-RH-F-XP-***-TH*]



P.C.B LAYOUT-COMPONENT SIDE
[HDGC7921WRA-RH-F-XP-***-2]
[HDGC7921WRA-RH-F-XP-***-2-TH*]



P.C.B LAYOUT-COMPONENT SIDE
[HDGC7921WRA-RH-F-XP-***-3]
[HDGC7921WRA-RH-F-XP-***-3-TH*]



HDGC7921 Series 7.92mm (.312") - 5.00mm (.197") Pitch Wire to Board Connector

Type	0A	0B	0C	0D	0E	0F	0G	0H	0I	0J	0K	0L	0M	0N	0P
2 PIN															
	0Q	0R	0S	0T	0U	0X	0Z	09	10	11	31	34	38	40	48
	49	78	80	86	1A	1B	1C	1D							

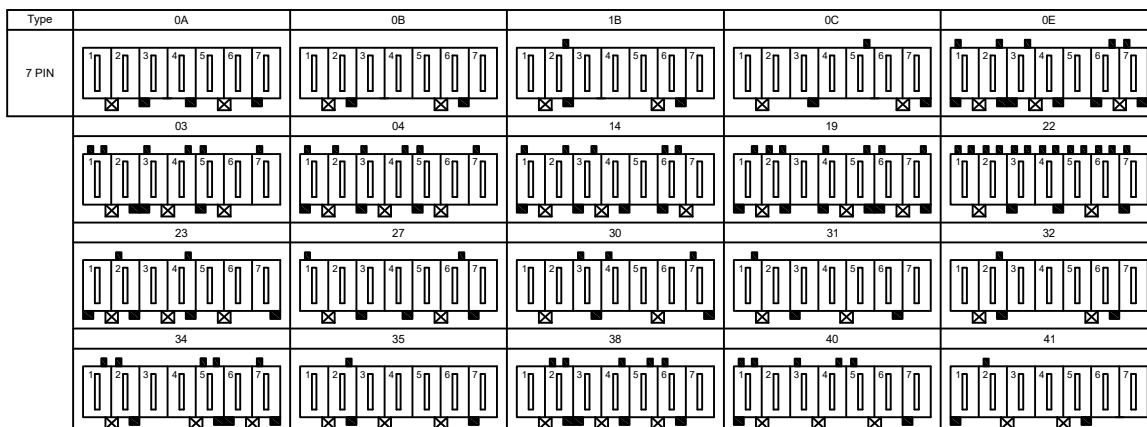
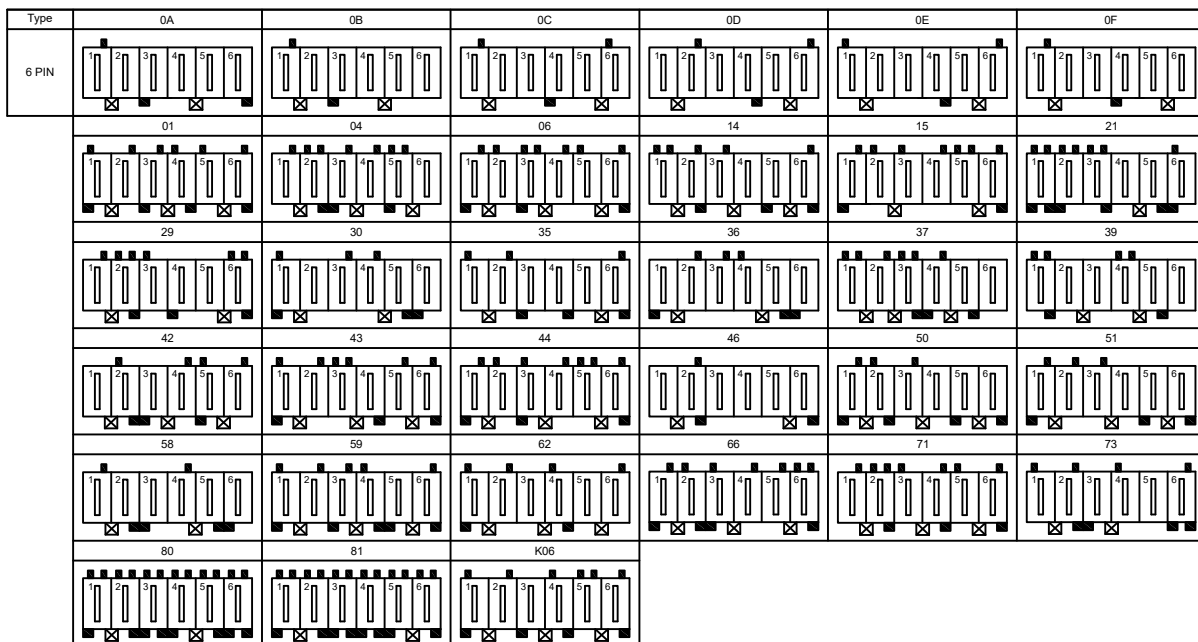
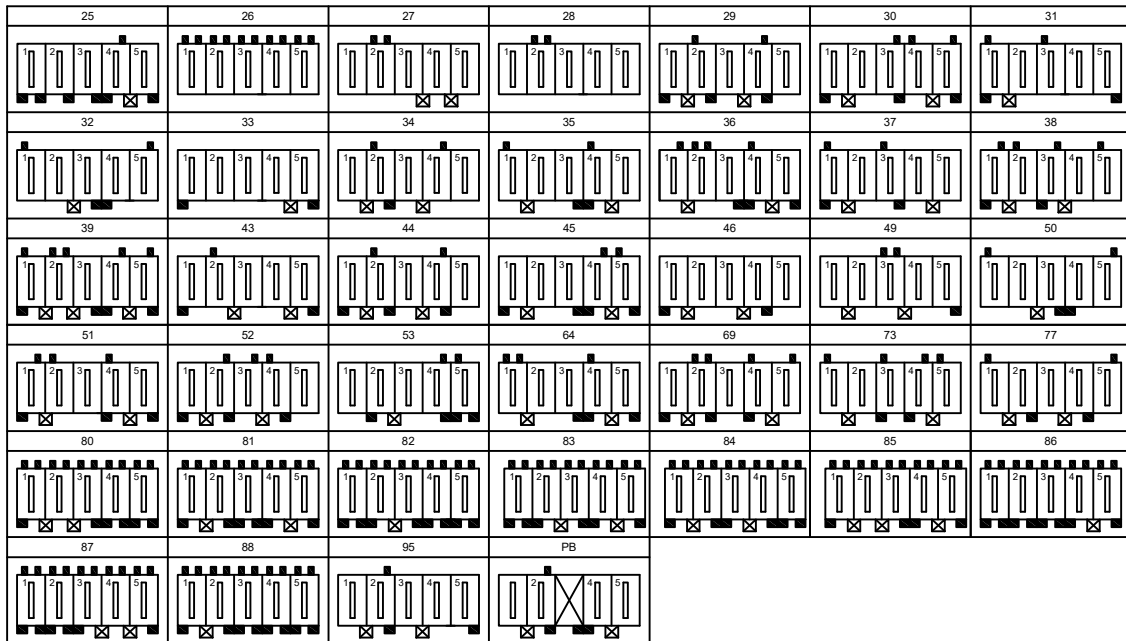
Type	0A	0B	0C	0D	0E	0F	0G	0H	0I	0K	0L
3 PIN											
	0M	0N	0Q	0W	01	02	03	04	05	08	10
	11	12	13	1A	1B	1C	1D	1E	2N	2P	32

Type	0A	0B	0C	0D	0E	0F	0G	0H	0I
4 PIN									
	0J	0K	0L	0M	0N	0W	01	02	03
	04	05	06	12	17	19	29	30	32

Type	0A	0B	0C	0D	0E	0F	0G
5 PIN							
	0L	01	02	03	04	05	06
	07	08	09	11	12	13	14

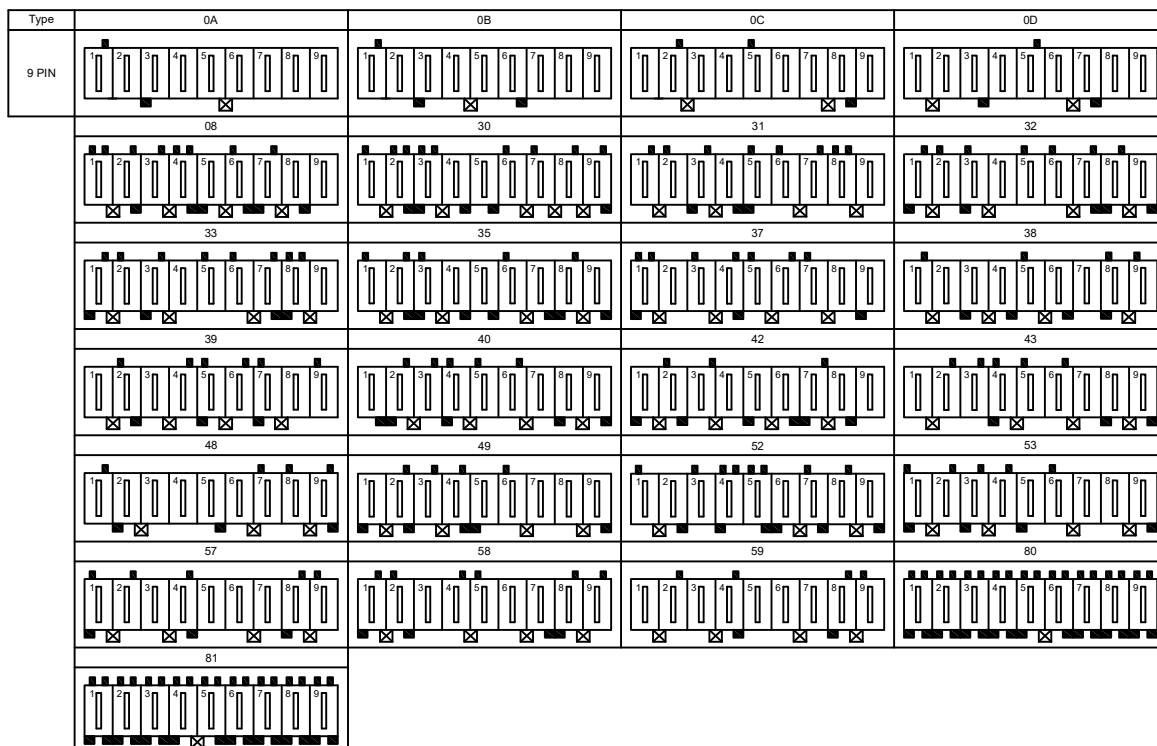
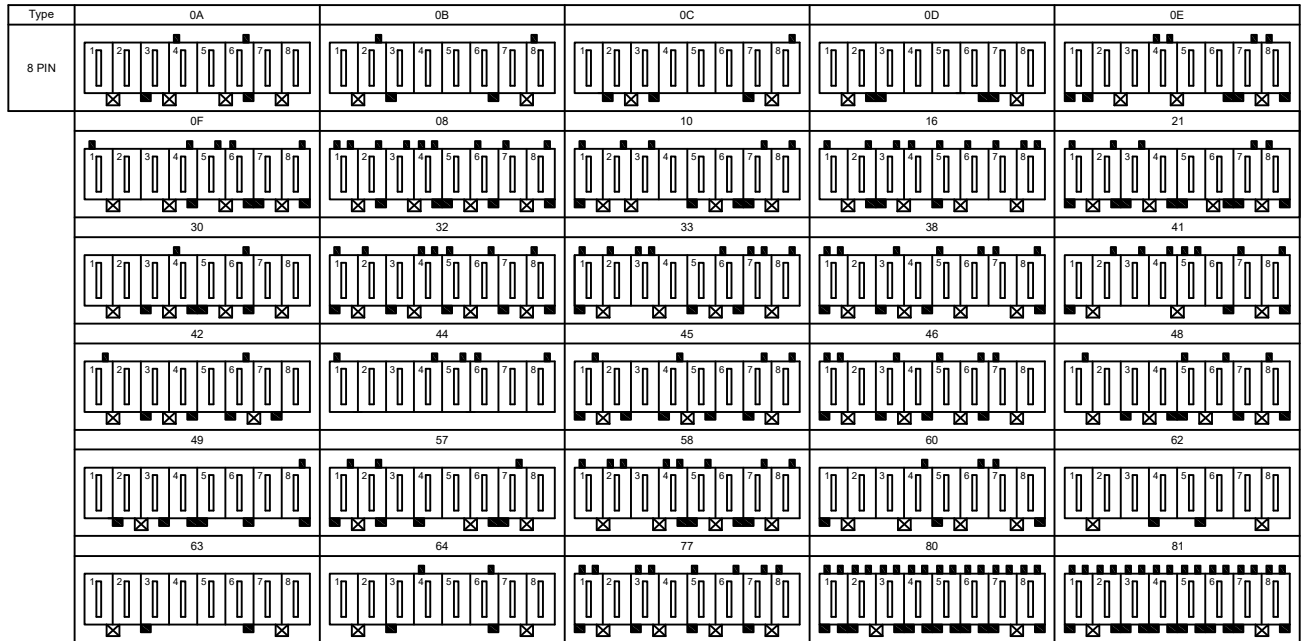
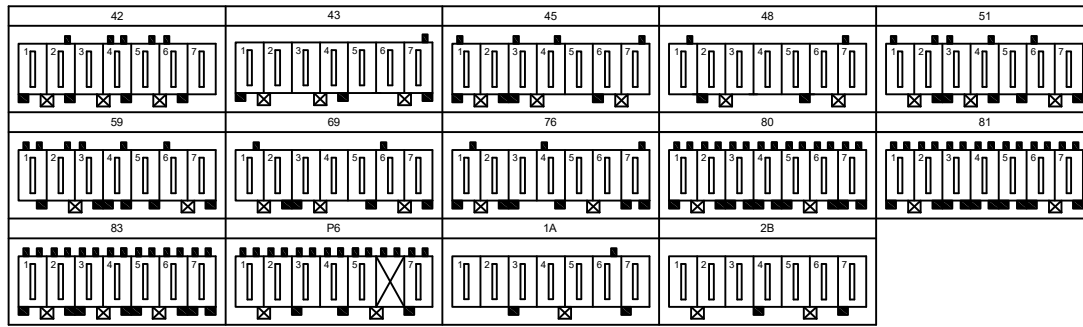


HDGC7921 Series 7.92mm (.312") - 5.00mm (.197") Pitch Wire to Board Connector



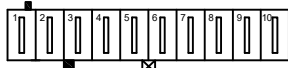
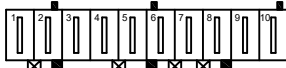
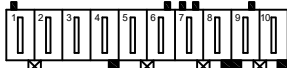
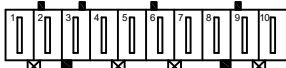
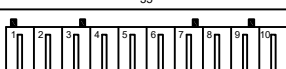
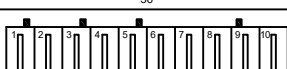
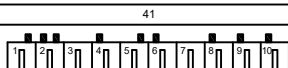
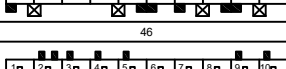
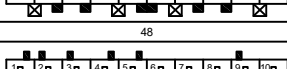
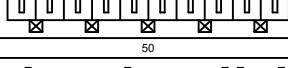
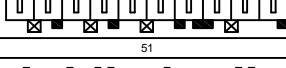
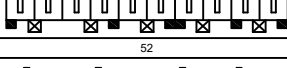
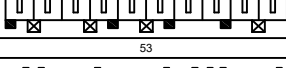
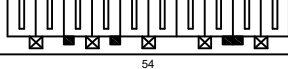
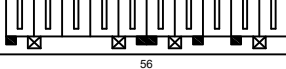
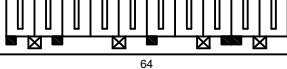
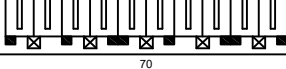
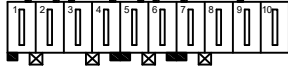
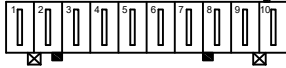
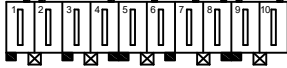
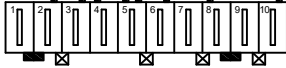
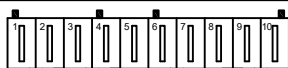
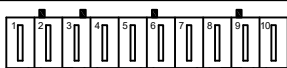


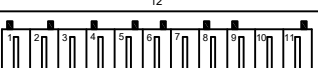
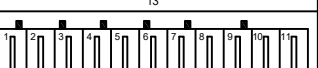
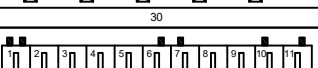
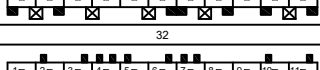
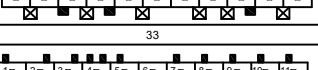
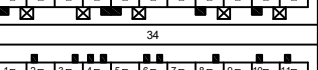
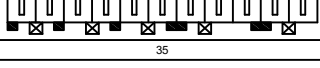
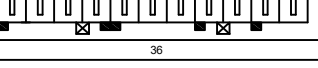
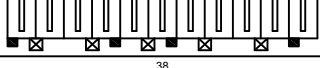
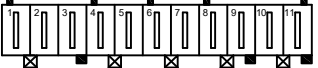
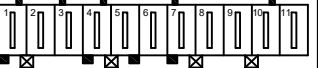
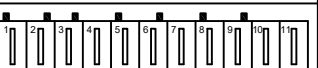
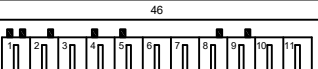
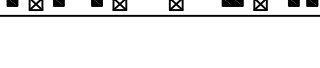
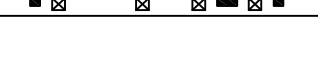
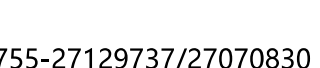
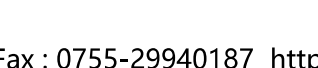
HDGC7921 Series 7.92mm (.312") - 5.00mm (.197") Pitch Wire to Board Connector





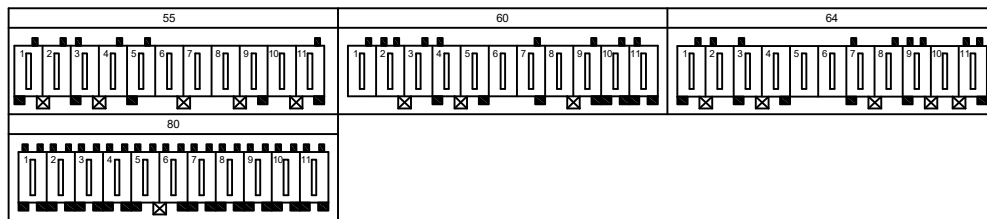
HDGC7921 Series 7.92mm (.312") - 5.00mm (.197") Pitch Wire to Board Connector

Type	0A	01	02	30
10 PIN				
				
				
				
				
				
				
				

Type	0A	0B	0C
11 PIN			
			
			
			
			
			
			
			
			
			
			
			



HDGC7921 Series 7.92mm (.312") - 5.00mm (.197") Pitch Wire to Board Connector



Type	27	29	30
12 PIN			