

Specifications

Current rating:5A AC,DC

Voltage rating:250V AC,DC

Temperature range:-25°C~+85°C

Contact resistance:10mΩ Max.

Insulation resistance:1000MΩ Min.

Withstanding voltage:1500V AC/minute

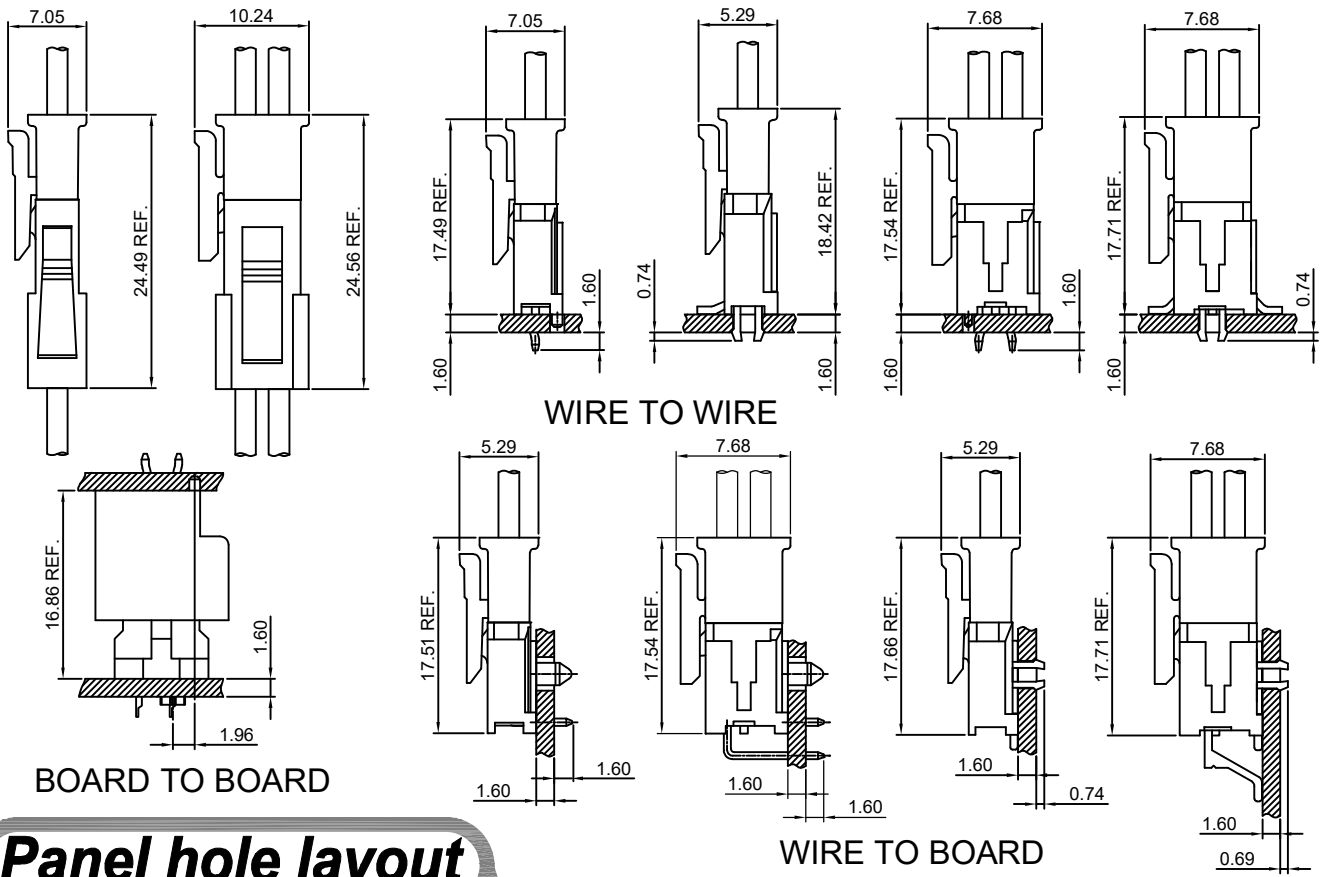
Compliant with RoHS and REACH

Meet the HF/Halogen Free,GWT/Glow wire Test (IEC60335-1) request,need to customize

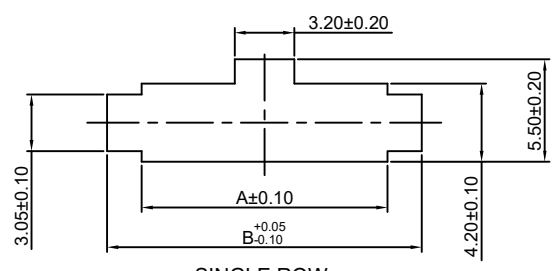
Contact HDGC for details



Assembly layout

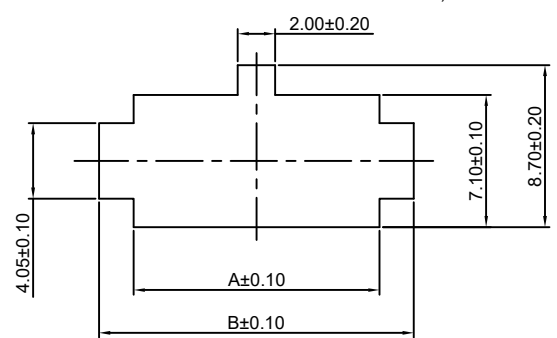


Panel hole layout



SINGLE ROW

RECOMMENDED PANEL CUT-OUT
(DESIGNED FOR 1.57mm TO 2.30mm THICK
STAMPED PANEL OR PRINTED CIRCUIT BOARD)



DUAL ROW

RECOMMENDED PANEL CUT-OUT
(DESIGNED FOR 1.40mm TO 2.54mm THICK
STAMPED PANEL OR PRINTED CIRCUIT BOARD)

PART NO.		Dimensions	
SINGLE ROW	DUAL ROW	A	B
-----	HDGC3030HM-2X1P(-A)	4.20	7.90
HDGC3030HM-2P	HDGC3030HM-2X2P(-A)	7.20	10.90
HDGC3030HM-3P	HDGC3030HM-2X3P(-A)	10.20	13.90
HDGC3030HM-4P	HDGC3030HM-2X4P(-A)	13.20	16.90
HDGC3030HM-5P	HDGC3030HM-2X5P(-A)	16.20	19.90
HDGC3030HM-6P	HDGC3030HM-2X6P(-A)	19.20	22.90
HDGC3030HM-7P	HDGC3030HM-2X7P(-A)	22.20	25.90
HDGC3030HM-8P	HDGC3030HM-2X8P(-A)	25.20	28.90
HDGC3030HM-9P	HDGC3030HM-2X9P(-A)	28.20	31.90
HDGC3030HM-10P	HDGC3030HM-2X10P(-A)	31.20	34.90
HDGC3030HM-11P	HDGC3030HM-2X11P(-A)	34.20	37.90
HDGC3030HM-12P	HDGC3030HM-2X12P(-A)	37.20	40.90

Unit:mm

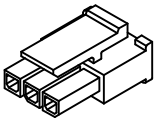


HDGC3030 SERIES

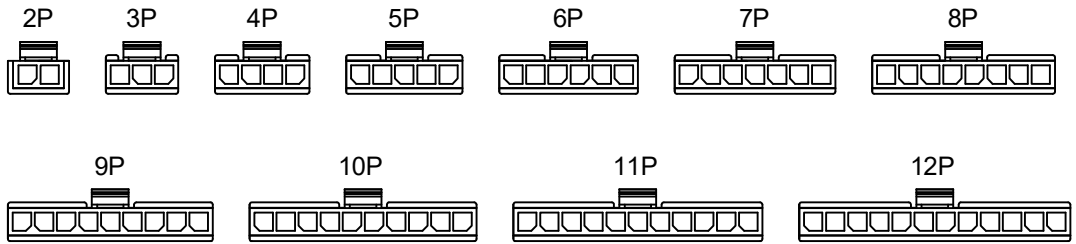


HDGC3030 Series 3.00mm (.118") Pitch Wire to Board and Wire to Wire Connector

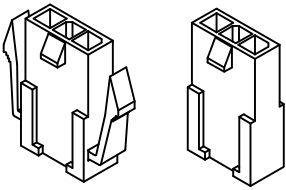
HDGC3030HF



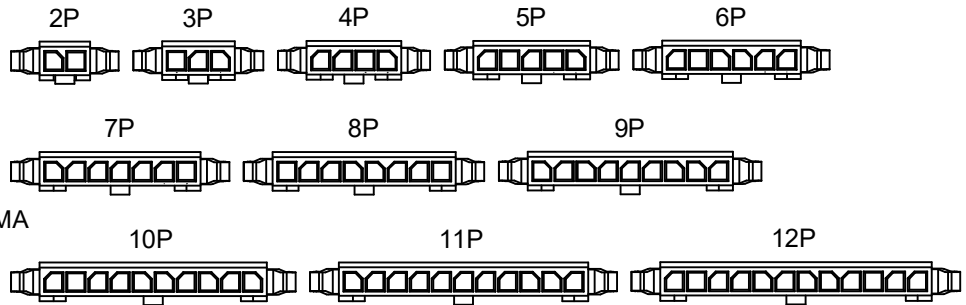
HDGC3030HF



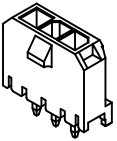
HDGC3030HM HDGC3030HMA



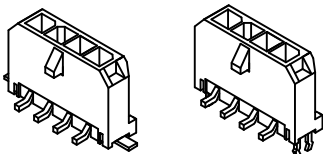
HDGC3030HM HDGC3030HMA



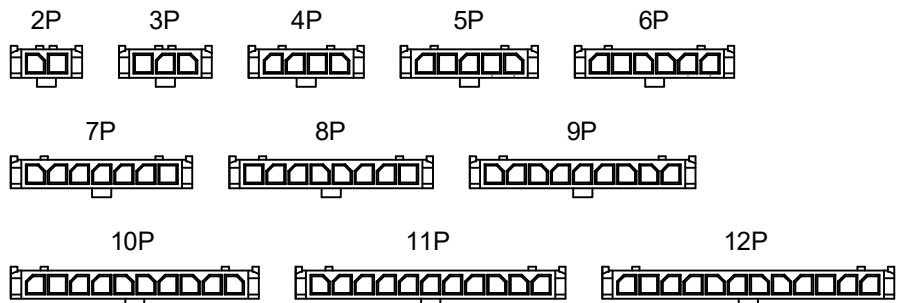
HDGC3030WV HDGC3030WV-S HDGC3030WV-S-F



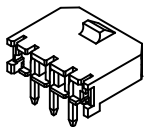
HDGC3030WV



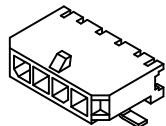
HDGC3030WV-S HDGC3030WV-S-F



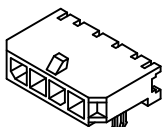
HDGC3030WR HDGC3030WR-S HDGC3030WR-S-F



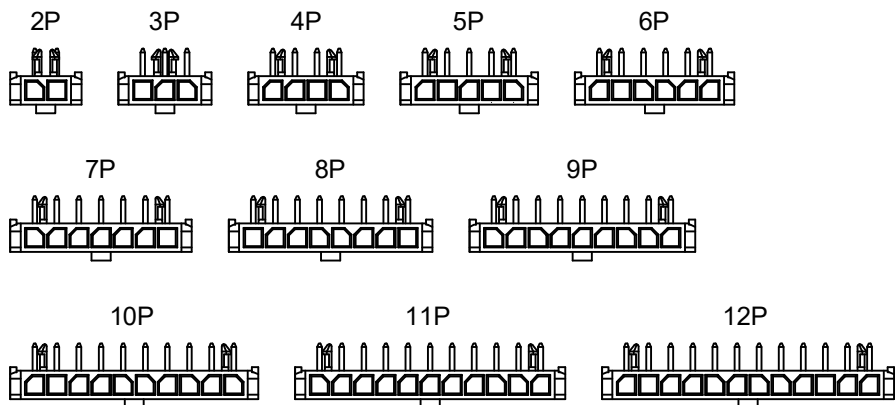
HDGC3030WR



HDGC3030WR-S



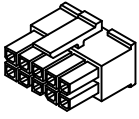
HDGC3030WR-S-F



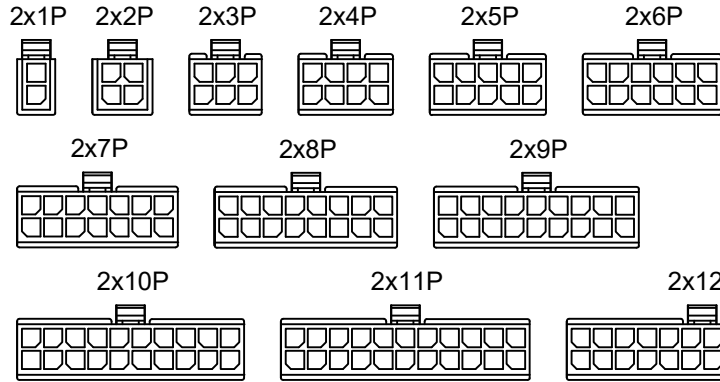


HDGC3030 Series 3.00mm (.118") Pitch Wire to Board and Wire to Wire Connector

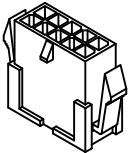
HDGC3030HF-2



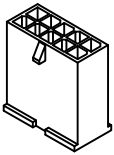
HDGC3030HF-2



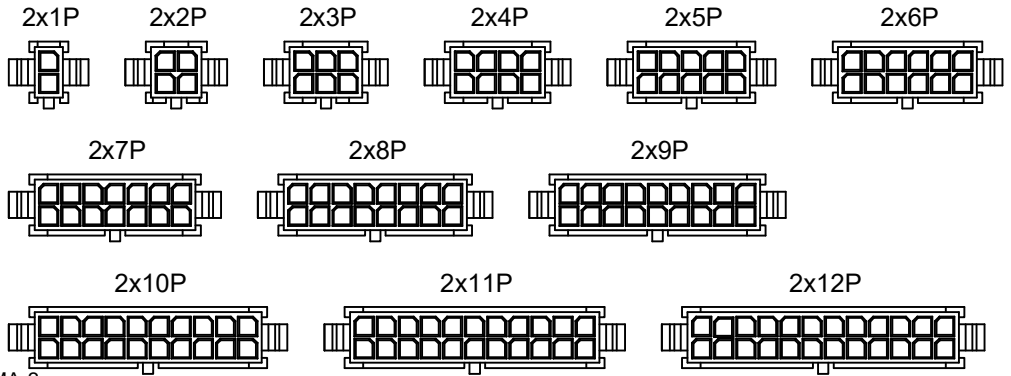
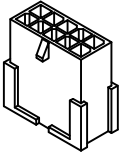
HDGC3030HM-2 HDGC3030HMA-2 HDGC3030HMC-2



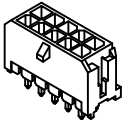
HDGC3030HM-2



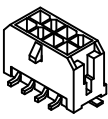
HDGC3030HMC-2 HDGC3030HMA-2



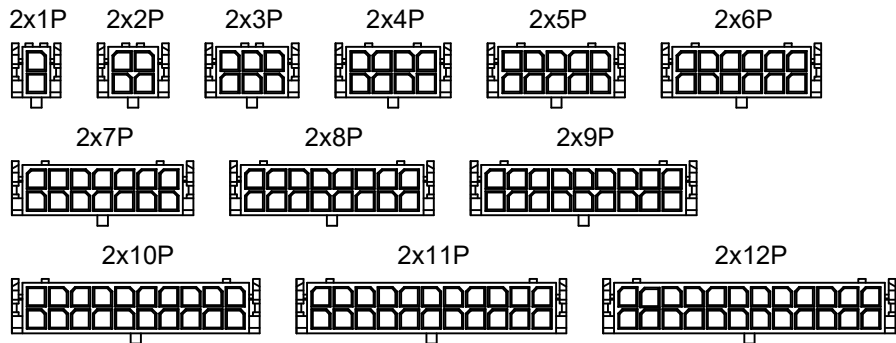
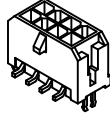
HDGC3030WV-2 HDGC3030WV-S-2 HDGC3030WV-S-F-2



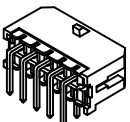
HDGC3030WV-2



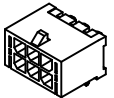
HDGC3030WV-S-2 HDGC3030WV-S-F-2



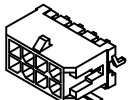
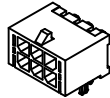
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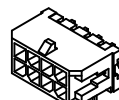
HDGC3030WR-2



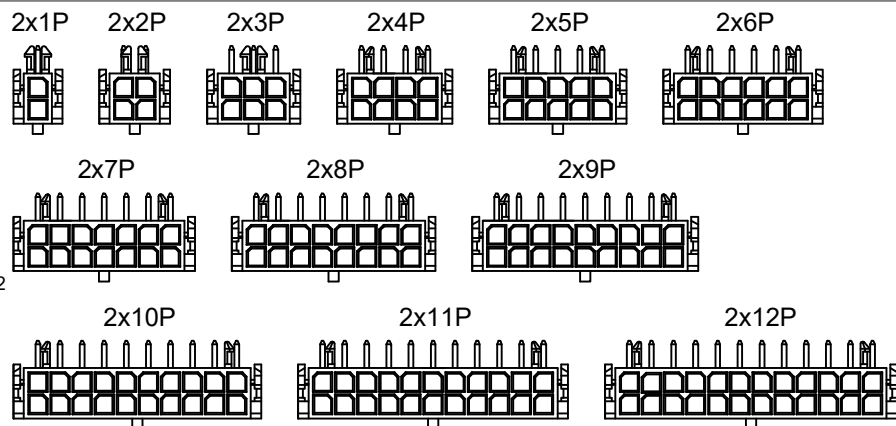
HDGC3030WRA-2 HDGC3030WRA-F-2



HDGC3030WR-S-2



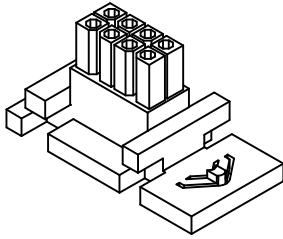
HDGC3030WR-S-F-2





HDGC3030 Series 3.00mm (.118") Pitch Wire to Board and Wire to Wire Connector

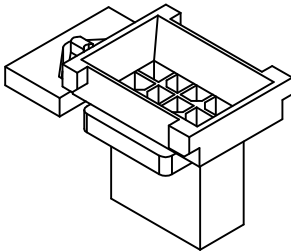
HDGC3030HFB-2



HDGC3030HFB-2

2x1P			2x12P
2x2P			2x11P
2x3P			2x10P
2x4P			2x9P
2x5P			2x8P
2x6P			2x7P

HDGC3030HMB-2



HDGC3030HMB-2

2x1P			2x12P
2x2P			2x11P
2x3P			2x10P
2x4P			2x9P
2x5P			2x8P
2x6P			2x7P



HDGC3030 Series 3.00mm (.118") Pitch Wire to Board and Wire to Wire Connector

HDGC3030F-T-A

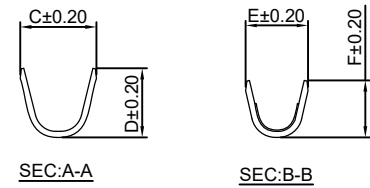
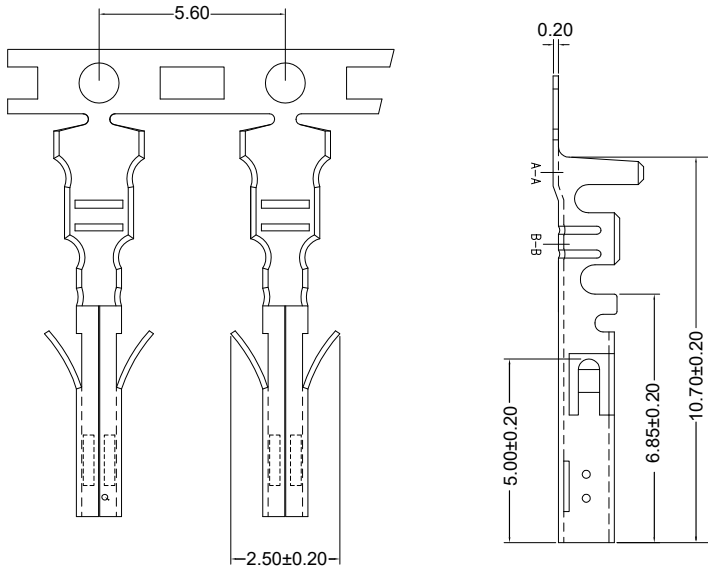
3.00mm pitch Crimp Terminal

Reference Informations:

*Used in HDGC3030HF-2P~12P, HDGC3030HF-2x1P~2x6P series Housing

Ordering Information:
 $\frac{\text{HDGC3030F-GP-A (-L) - ***}}{1 \quad 2}$

- 1. Part No.
- 2. Finish:
 (blank): Gold-flash
 100µin (2.54µm) MIN. Select Tin
 G15: 15µin (0.38µm) MIN. Select Gold
 100µin (2.54µm) MIN. Select Tin
 G30: 30µin (0.76µm) MIN. Select Gold
 100µin (2.54µm) MIN. Select Tin



Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	C	D	E	F	Qty/reel
HDGC3030F-TP-A	AWG#20-#24	1.85mm(max)	Phosphor Bronze	Tin over Nickel	2.30	2.40	2.10	2.00	10,000 PCS
HDGC3030F-GP-A	AWG#20-#24	1.85mm(max)	Phosphor Bronze	Gold-flash	2.30	2.40	2.10	2.00	10,000 PCS
HDGC3030F-TP-A-L	AWG#26-#30	1.27mm(max)	Phosphor Bronze	Tin over Nickel	2.10	1.90	1.65	1.46	10,000 PCS
HDGC3030F-GP-A-L	AWG#26-#30	1.27mm(max)	Phosphor Bronze	Gold-flash	2.10	1.90	1.65	1.46	10,000 PCS

Optional Gold plating available but MOQ requested

HDGC3030F-T-C

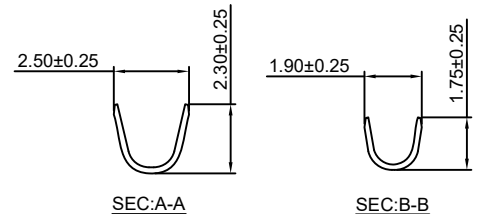
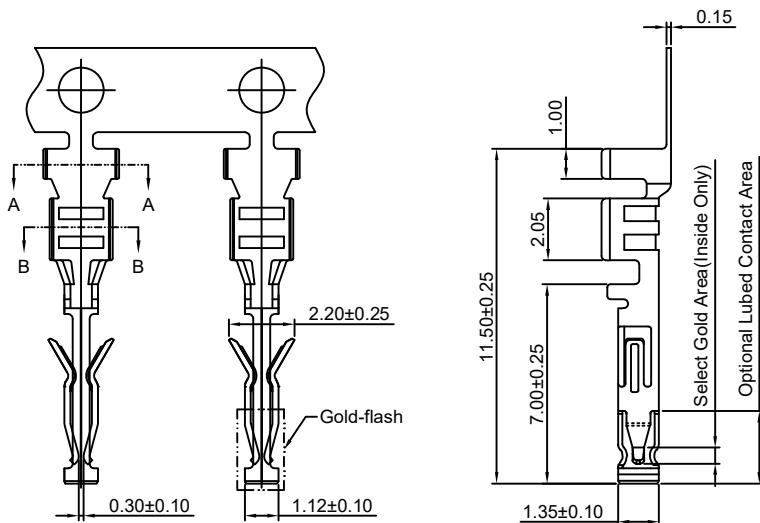
3.00mm pitch Crimp Terminal

Reference Informations:

*Used in HDGC3030HF-2x7P~2x12P, HDGC3030HFB-2xXP series Housing

Ordering Information:
 $\frac{\text{HDGC3030F-GP-C - ***}}{1 \quad 2}$

- 1. Part No.
- 2. Finish:
 (blank): Gold-flash
 100µin (2.54µm) MIN. Select Tin
 G15: 15µin (0.38µm) MIN. Select Gold
 100µin (2.54µm) MIN. Select Tin
 G30: 30µin (0.76µm) MIN. Select Gold
 100µin (2.54µm) MIN. Select Tin



Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
HDGC3030F-TP-C	AWG#20-#24	1.85mm(max)	Phosphor Bronze	Tin over Nickel	10,000 PCS
HDGC3030F-GP-C	AWG#20-#24	1.85mm(max)	Phosphor Bronze	Gold-flash	10,000 PCS

Optional Gold plating available but MOQ requested



HDGC3030 Series 3.00mm (.118") Pitch Wire to Board and Wire to Wire Connector

HDGC3030M-T

3.00mm pitch Crimp Terminal

Reference Informations:

*Used in HDGC3030HM,HMA-XP,HDGC3030HM,HMA,HMC-2xXP, HDGC3030HM-2xXP-A,HDGC3030HMB-2xXP series Housing

Ordering Information:

HDGC3030M-GP(L) - ***
1 2

1.Part No.

2.Finish:

(blank): Gold-flash

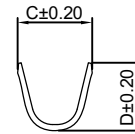
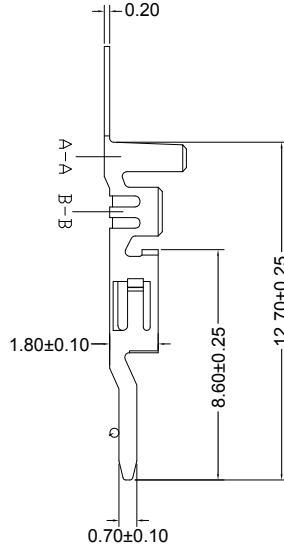
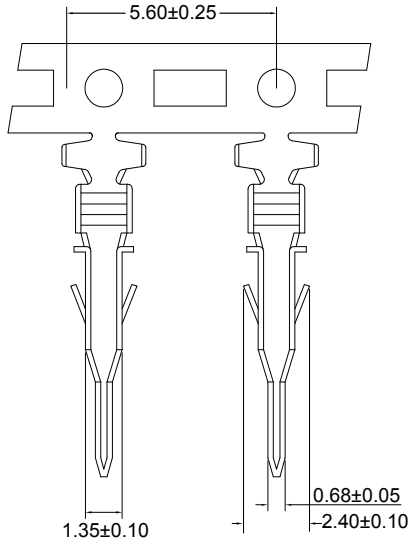
100µin (2.54µm) MIN.Select Tin

G15: 15µin (0.38µm) MIN.Select Gold

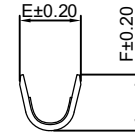
100µin (2.54µm) MIN.Select Tin

G30: 30µin (0.76µm) MIN.Select Gold

100µin (2.54µm) MIN.Select Tin



SEC:A-A



SEC:B-B

Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	C	D	E	F	Qty/reel
HDGC3030M-TP	AWG#20-#24	1.85mm(max)	Phosphor Bronze	Tin over Nickel	2.10	2.50	2.00	2.00	10,000 PCS
HDGC3030M-GP	AWG#20-#24	1.85mm(max)	Phosphor Bronze	Gold-flash	2.10	2.50	2.00	2.00	10,000 PCS
HDGC3030M-TP-L	AWG#26-#30	1.27mm(max)	Phosphor Bronze	Tin over Nickel	2.10	1.90	1.65	1.46	10,000 PCS
HDGC3030M-GP-L	AWG#26-#30	1.27mm(max)	Phosphor Bronze	Gold-flash	2.10	1.90	1.65	1.46	10,000 PCS

Optional Gold plating available but MOQ requested



HDGC3030 Series 3.00mm (.118") Pitch Wire to Board and Wire to Wire Connector

HDGC3030HF-XP

3.00mm Pitch Single Row Housing

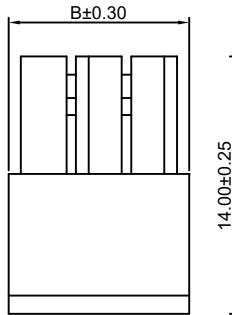
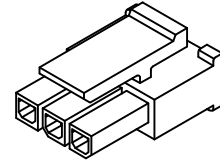
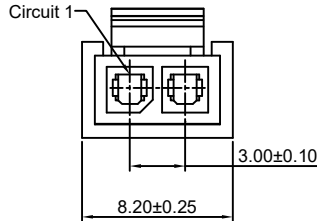
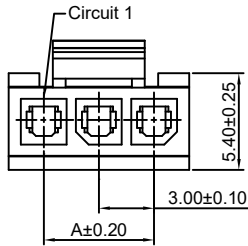
Reference Informations:

- *Material:Nylon 66,UL94V-0
- *Suitable HDGC3030F-T-A(-L) series Terminal
- *Mates with HDGC3030HM,HMA-XP series Housing or HDGC3030WV,WR-XP,WV-S,WR-S-XP,WV-F,WR-F-XP, HDGC3030WV-S-F,WR-S-F-XP series Single Row Wafer
- *Color:Black

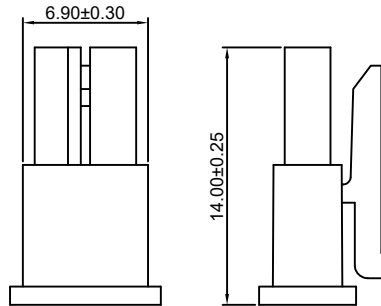
Ordering Information:

HDGC3030HF-XP(-A) - ***
1 2

- 1.Part No.
- 2.Material:
(blank):Nylon 66,UL94V-0
GWT:Nylon 66,UL94V-0,GWT 750 °C



HDGC3030HF-2P~12P



HDGC3030HF-2P-A

Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	3.00	6.80
3P	6.00	9.80
4P	9.00	12.80
5P	12.00	15.80
6P	15.00	18.80
7P	18.00	21.80
8P	21.00	24.80
9P	24.00	27.80
10P	27.00	30.80
11P	30.00	33.80
12P	33.00	36.80

Unit: mm

HDGC3030HM-XP

3.00mm Pitch Single Row Housing

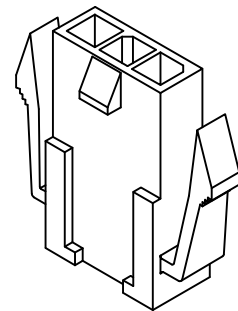
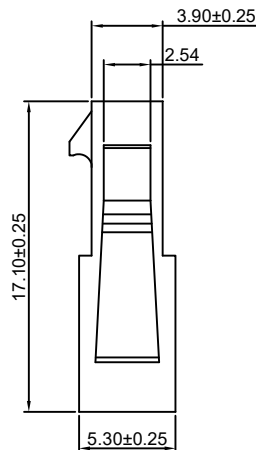
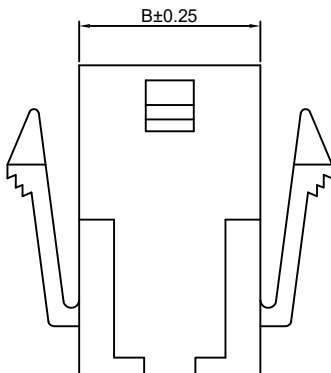
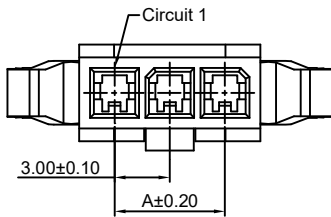
Reference Informations:

- *Material:Nylon 66,UL94V-0
- *Suitable HDGC3030M-T(-L) series Terminal
- *Mates with HDGC3030HF-XP,HF-2P-A series Housing
- *Color:Black

Ordering Information:

HDGC3030HM-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	3.00	6.85
3P	6.00	9.85
4P	9.00	12.85
5P	12.00	15.85
6P	15.00	18.85
7P	18.00	21.85
8P	21.00	24.85
9P	24.00	27.85
10P	27.00	30.85
11P	30.00	33.85
12P	33.00	36.85

Unit: mm



HDGC3030 SERIES



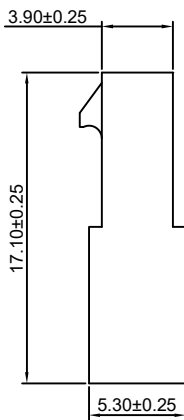
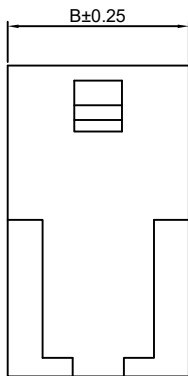
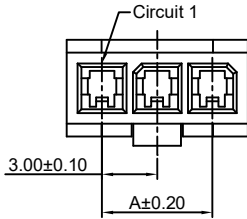
HDGC3030 Series 3.00mm (.118") Pitch Wire to Board and Wire to Wire Connector

HDGC3030HMA-XP

3.00mm pitch Single Row Housing

Reference Informations:

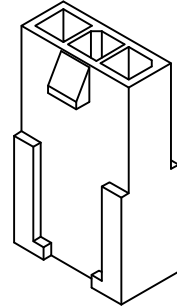
- *Material: Nylon 66, UL94V-0
- *Suitable HDGC3030M-T(-L) series Terminal
- *Mates with HDGC3030HF-XP, HF-2P-A series Housing
- *Color: Black



Ordering Information:

HDGC3030HMA-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	3.00	6.85
3P	6.00	9.85
4P	9.00	12.85
5P	12.00	15.85
6P	15.00	18.85
7P	18.00	21.85
8P	21.00	24.85
9P	24.00	27.85
10P	27.00	30.85
11P	30.00	33.85
12P	33.00	36.85

Unit: mm

HDGC3030HF-2xXP

3.00mm pitch Dual Row Housing

Reference Informations:

- *Material: Nylon 66, UL94V-0
- *Suitable HDGC3030F-T-A(-L), HDGC3030F-T-C series Terminal
- *Mates with HDGC3030HM series Housing or HDGC3030 series dual row Wafer
- *Color: Black

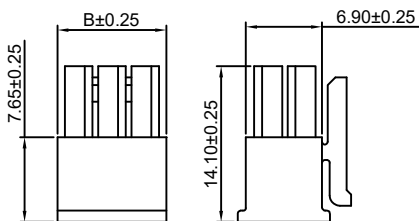
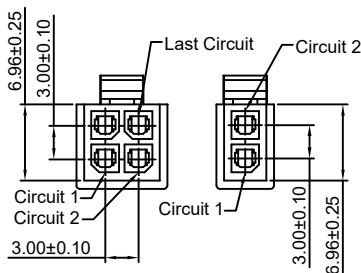
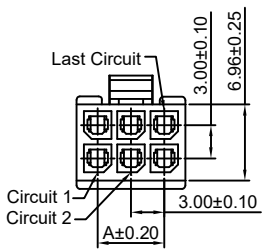
Ordering Information:

HDGC3030HF-2xXP(-A) - ***
1 2

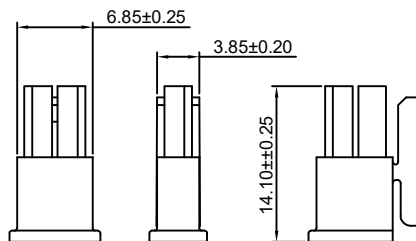
1. Part No.
2. Material:
(blank): Nylon 66, UL94V-0
GWT: Nylon 66, UL94V-0, GWT 750 °C

Mates with HDGC3030 series Housing or Wafer :

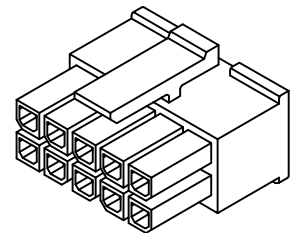
Housing	HDGC3030HM-2xXP, HMA-2xXP, HM-2xXP-A, HMC-2xXP
Wafer	HDGC3030WV-2xXP, WV-S-2xXP, WV-F-2xXP
	HDGC3030WV-S-F-2xXP, WR-2xXP, WR-S-2xXP
	HDGC3030WR-F-2xXP, WR-S-F-2xXP, WVA-2xXP
	HDGC3030WVA-S-2xXP, WRA-F-2xXP, WRA-F-1-2xXP
	HDGC3030WRA-S-2xXP, WRA-S-F-2xXP
	HDGC3030WRA-S-F-1-2xXP, WVC-2xXP



HDGC3030HF-2x1P-2x12P



HDGC3030HF-2x1P-2x2P-A



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2x1P	---	3.85
2x2P	3.00	6.85
2x3P	6.00	9.85
2x4P	9.00	12.85
2x5P	12.00	15.85
2x6P	15.00	18.85
2x7P	18.00	21.85
2x8P	21.00	24.85
2x9P	24.00	27.85
2x10P	27.00	30.85
2x11P	30.00	33.85
2x12P	33.00	36.85

Unit: mm



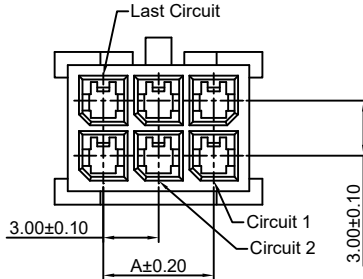
HDGC3030 Series 3.00mm (.118") Pitch Wire to Board and Wire to Wire Connector

HDGC3030HMA-2xXP

3.00mm pitch Dual Row Housing

Reference Informations:

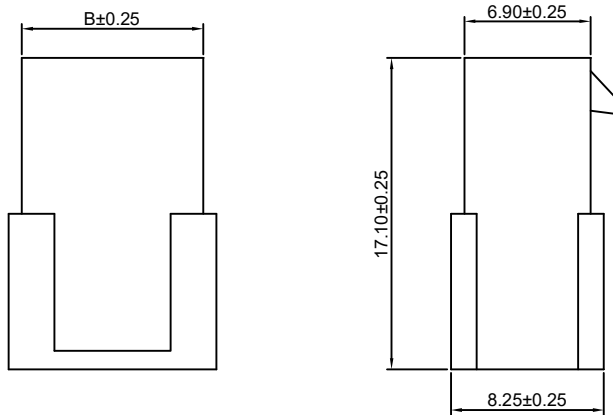
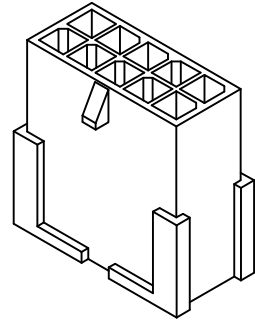
- *Material:Nylon 66,UL94V-0
- *Suitable HDGC3030M-T(-L) series Terminal
- *Mates with HDGC3030HF-2xXP, HDGC3030HF-2xXP-A series Housing
- *Color:Black



Ordering Information:

HDGC3030HMA-2xXP - ***
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
2x1P	---	3.85
2x2P	3.00	6.85
2x3P	6.00	9.85
2x4P	9.00	12.85
2x5P	12.00	15.85
2x6P	15.00	18.85
2x7P	18.00	21.85
2x8P	21.00	24.85
2x9P	24.00	27.85
2x10P	27.00	30.85
2x11P	30.00	33.85
2x12P	33.00	36.85

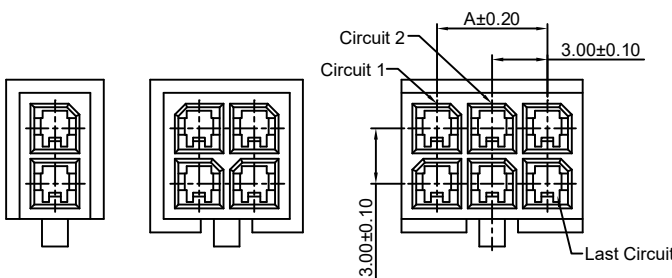
Unit: mm

HDGC3030HMC-2xXP

3.00mm pitch Dual Row Housing

Reference Informations:

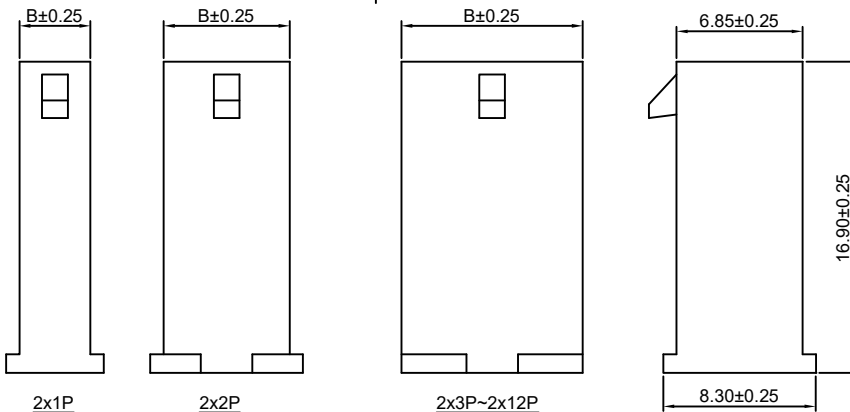
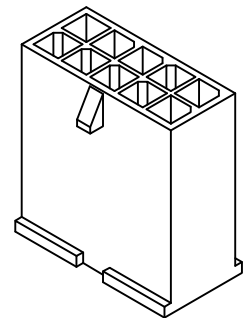
- *Material:Nylon 66,UL94V-0
- *Suitable HDGC3030M-T(-L) series Terminal
- *Mates with HDGC3030HF-2xXP, HDGC3030HF-2xXP-A series Housing
- *Color:Black



Ordering Information:

HDGC3030HMC-2xXP - ***
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
2x1P	---	3.85
2x2P	3.00	6.85
2x3P	6.00	9.85
2x4P	9.00	12.85
2x5P	12.00	15.85
2x6P	15.00	18.85
2x7P	18.00	21.85
2x8P	21.00	24.85
2x9P	24.00	27.85
2x10P	27.00	30.85
2x11P	30.00	33.85
2x12P	33.00	36.85

Unit: mm



HDGC3030 SERIES



HDGC3030 Series 3.00mm (.118") Pitch Wire to Board and Wire to Wire Connector

HDGC3030WV-XP

3.00mm pitch 180° Single Row Wafer

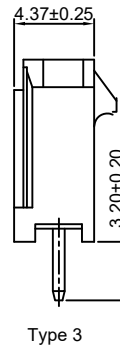
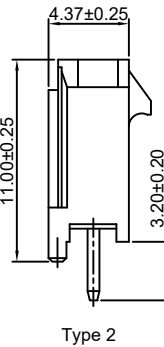
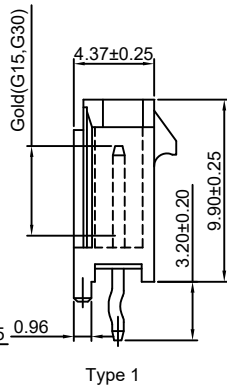
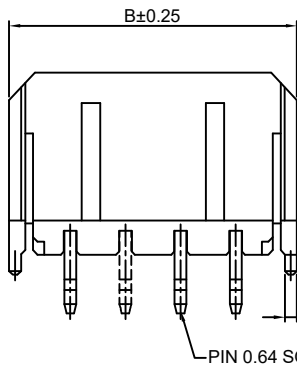
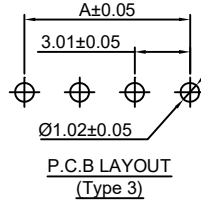
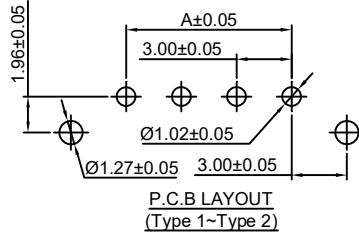
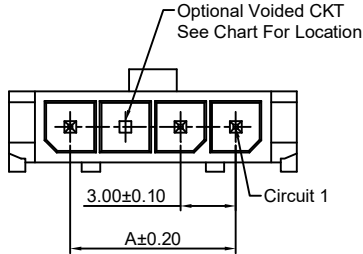
Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 66, UL94V-0
- *Mates with HDGC3030HF-XP,
HDGC3030HF-2P-A series Housing
- *Color: Black

Ordering Information:

HDGC3030WV-XP - $\frac{1}{2}$ - $\frac{***}{3}$ - $\frac{***}{4}$

- Part No.
- Style:
(blank) : Type 1
2 : Type 2
3 : Type 3
- Material:
(blank) : Nylon 66, UL94V-0
LCP: LCP, UL94V-0
GWT: LCP, UL94V-0, GWT 750 °C
- Finish
(blank) : Tin over Nickel
G: Gold-flash
G15: 15µin (0.38µm) MIN. Select Gold
100µin (2.54µm) MIN. Select Tin
G30: 30µin (0.76µm) MIN. Select Gold
100µin (2.54µm) MIN. Select Tin



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	3.00	9.65
3P	6.00	12.65
4P	9.00	15.65
5P	12.00	18.65
6P	15.00	21.65
7P	18.00	24.65
8P	21.00	27.65
9P	24.00	30.65
10P	27.00	33.65
11P	30.00	36.65
12P	33.00	39.65

Unit: mm

HDGC3030WR-XP

3.00mm pitch 90° Single Row Wafer

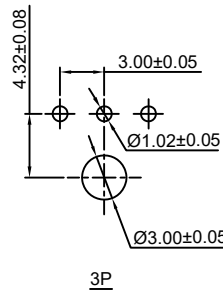
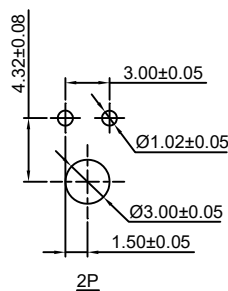
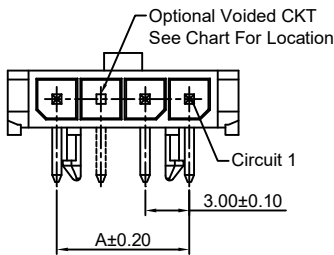
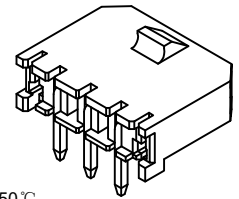
Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 66, UL94V-0
- *Mates with HDGC3030HF-XP,
HDGC3030HF-2P-A series Housing
- *Color: Black

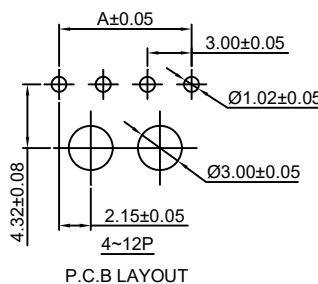
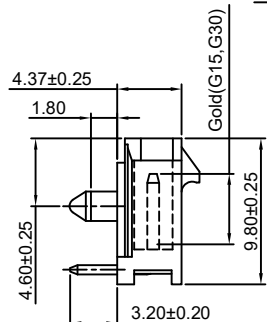
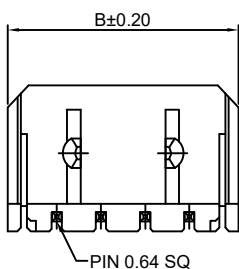
Ordering Information:

HDGC3030WR-XP - $\frac{***}{2}$ - $\frac{***}{3}$

- Part No.
- Material:
(blank) : Nylon 66, UL94V-0
LCP: LCP, UL94V-0
GWT: LCP, UL94V-0, GWT 750 °C
- Finish
(blank) : Tin over Nickel
G: Gold-flash
G15: 15µin (0.38µm) MIN. Select Gold
100µin (2.54µm) MIN. Select Tin
G30: 30µin (0.76µm) MIN. Select Gold
100µin (2.54µm) MIN. Select Tin



P.C.B LAYOUT



P.C.B LAYOUT

Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	3.00	9.65
3P	6.00	12.65
4P	9.00	15.65
5P	12.00	18.65
6P	15.00	21.65
7P	18.00	24.65
8P	21.00	27.65
9P	24.00	30.65
10P	27.00	33.65
11P	30.00	36.65
12P	33.00	39.65

Unit: mm



HDGC3030 Series 3.00mm (.118") Pitch Wire to Board and Wire to Wire Connector

HDGC3030WV-F-XP

3.00mm pitch 180° Single Row Wafer

Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 66, UL94V-0
- *Mates with HDGC3030HF-XP,
HDGC3030HF-2P-A series Housing
- *Color: Black

Ordering Information:

HDGC3030WV-F-XP - *** - ***
1 2 3

1. Part No.

2. Material:

(blank): Nylon 66, UL94V-0

LCP: LCP, UL94V-0

GWT: LCP, UL94V-0, GWT 750 °C

3. Finish

(blank): Tin over Nickel

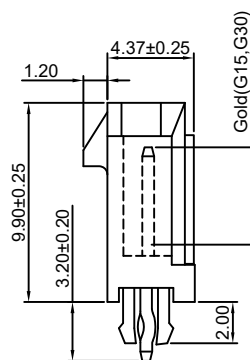
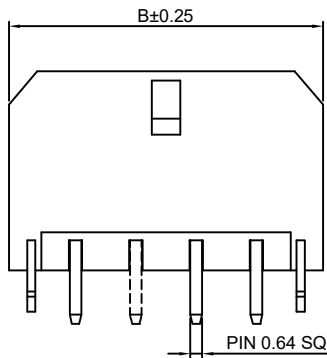
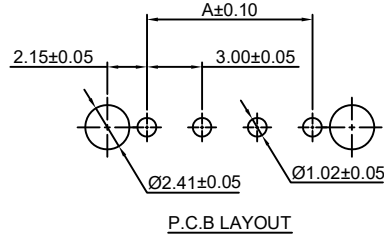
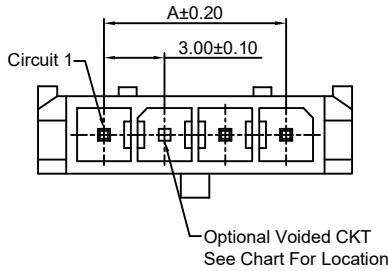
G: Gold-flash

G15: 15µm (0.38µm) MIN. Select Gold

100µm (2.54µm) MIN. Select Tin

G30: 30µm (0.76µm) MIN. Select Gold

100µm (2.54µm) MIN. Select Tin



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	3.00	9.65
3P	6.00	12.65
4P	9.00	15.65
5P	12.00	18.65
6P	15.00	21.65
7P	18.00	24.65
8P	21.00	27.65
9P	24.00	30.65
10P	27.00	33.65
11P	30.00	36.65
12P	33.00	39.65

Unit: mm

HDGC3030WR-F-XP

3.00mm pitch 90° Single Row Wafer

Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 66, UL94V-0
- *Mates with HDGC3030HF-XP,
HDGC3030HF-2P-A series Housing
- *Color: Black

Ordering Information:

HDGC3030WR-F-XP - *** - ***
1 2 3

1. Part No.

2. Material:

(blank): Nylon 66, UL94V-0

LCP: LCP, UL94V-0

GWT: LCP, UL94V-0, GWT 750 °C

3. Finish

(blank): Tin over Nickel

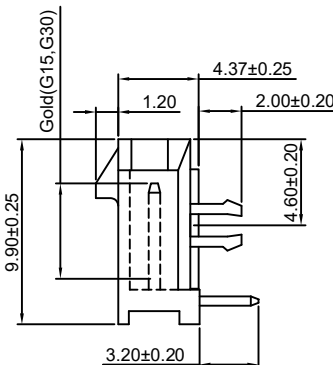
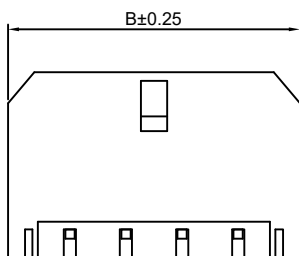
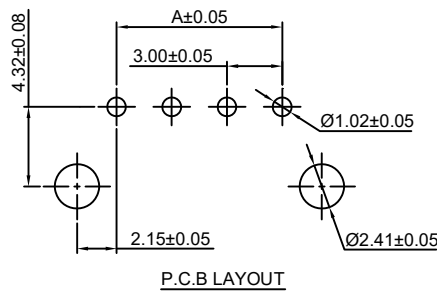
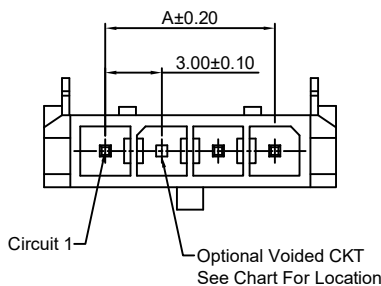
G: Gold-flash

G15: 15µm (0.38µm) MIN. Select Gold

100µm (2.54µm) MIN. Select Tin

G30: 30µm (0.76µm) MIN. Select Gold

100µm (2.54µm) MIN. Select Tin



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	3.00	9.65
3P	6.00	12.65
4P	9.00	15.65
5P	12.00	18.65
6P	15.00	21.65
7P	18.00	24.65
8P	21.00	27.65
9P	24.00	30.65
10P	27.00	33.65
11P	30.00	36.65
12P	33.00	39.65

Unit: mm



HDGC3030 SERIES



HDGC3030 Series 3.00mm (.118") Pitch Wire to Board and Wire to Wire Connector

HDGC3030WV-S-XP

3.00mm pitch 180° Single Row Wafer-SMT TYPE

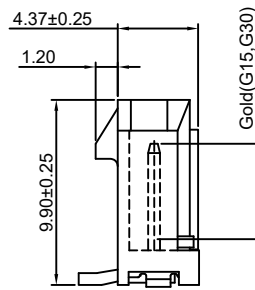
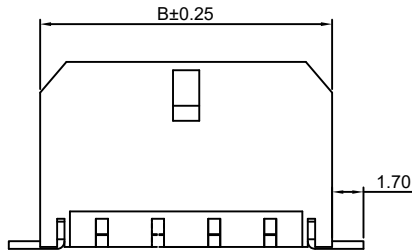
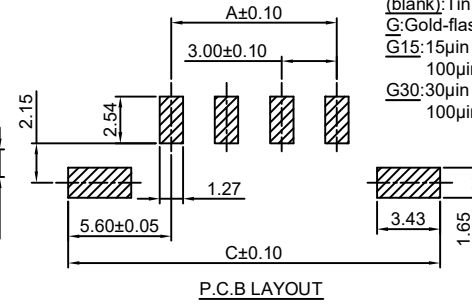
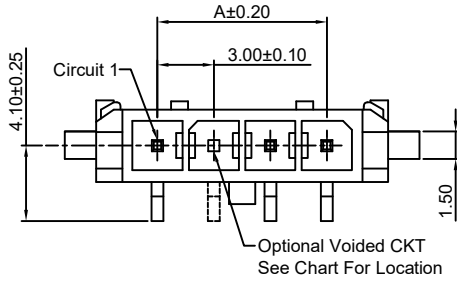
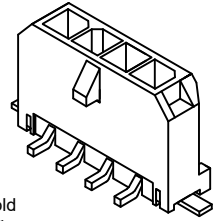
Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: LCP, UL94V-0
- *Mates with HDGC3030HF-XP,
HDGC3030HF-2P-A series Housing
- *Color: Black

Ordering Information:

HDGC3030WV-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-flash
G15: 15µm (0.38µm) MIN. Select Gold
100µm (2.54µm) MIN. Select Tin
G30: 30µm (0.76µm) MIN. Select Gold
100µm (2.54µm) MIN. Select Tin



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
2P	3.00	9.65	14.20
3P	6.00	12.65	17.20
4P	9.00	15.65	20.20
5P	12.00	18.65	23.20
6P	15.00	21.65	26.20
7P	18.00	24.65	29.20
8P	21.00	27.65	32.20
9P	24.00	30.65	35.20
10P	27.00	33.65	38.20
11P	30.00	36.65	41.20
12P	33.00	39.65	44.20

Unit: mm

HDGC3030WR-S-XP

3.00mm pitch 90° Single Row Wafer-SMT TYPE

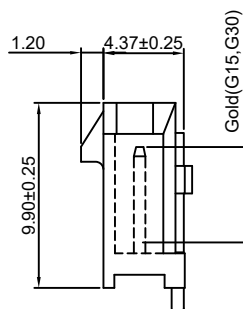
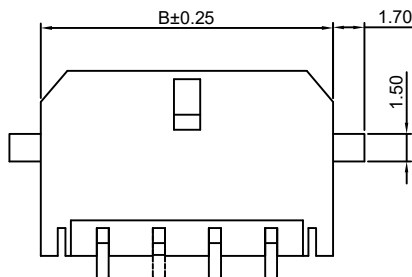
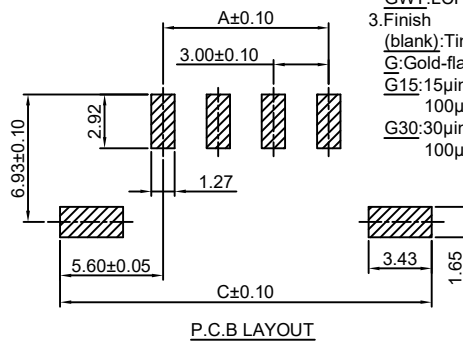
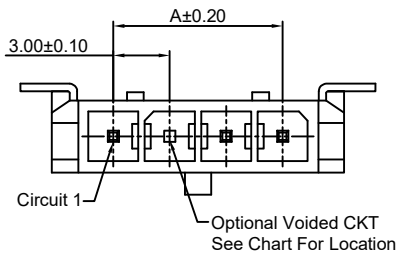
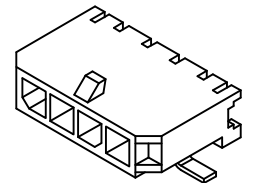
Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: LCP, UL94V-0
- *Mates with HDGC3030HF-XP,
HDGC3030HF-2P-A series Housing
- *Color: Black

Ordering Information:

HDGC3030WR-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-flash
G15: 15µm (0.38µm) MIN. Select Gold
100µm (2.54µm) MIN. Select Tin
G30: 30µm (0.76µm) MIN. Select Gold
100µm (2.54µm) MIN. Select Tin



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
2P	3.00	9.65	14.20
3P	6.00	12.65	17.20
4P	9.00	15.65	20.20
5P	12.00	18.65	23.20
6P	15.00	21.65	26.20
7P	18.00	24.65	29.20
8P	21.00	27.65	32.20
9P	24.00	30.65	35.20
10P	27.00	33.65	38.20
11P	30.00	36.65	41.20
12P	33.00	39.65	44.20

Unit: mm



HDGC3030 SERIES



HDGC3030 Series 3.00mm (.118") Pitch Wire to Board and Wire to Wire Connector

HDGC3030WV-S-F-XP

3.00mm pitch 180° Single Row Wafer-SMT TYPE

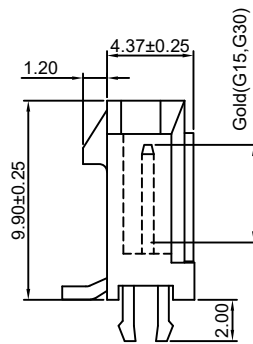
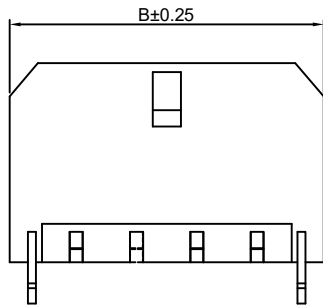
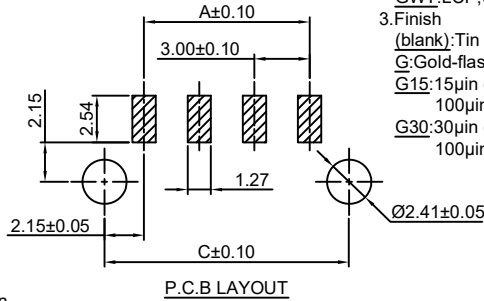
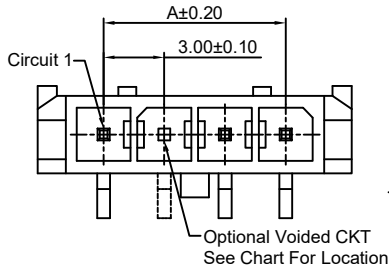
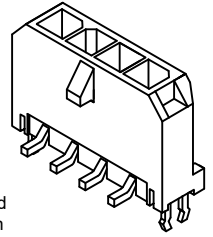
Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: LCP, UL94V-0
- *Mates with HDGC3030HF-XP,
HDGC3030HF-2P-A series Housing
- *Color: Black

Ordering Information:

HDGC3030WV-S-F-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-flash
G15: 15µin (0.38µm) MIN. Select Gold
100µin (2.54µm) MIN. Select Tin
G30: 30µin (0.76µm) MIN. Select Gold
100µin (2.54µm) MIN. Select Tin



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
2P	3.00	9.65	7.30
3P	6.00	12.65	10.30
4P	9.00	15.65	13.30
5P	12.00	18.65	16.30
6P	15.00	21.65	19.30
7P	18.00	24.65	22.30
8P	21.00	27.65	25.30
9P	24.00	30.65	28.30
10P	27.00	33.65	31.30
11P	30.00	36.65	34.30
12P	33.00	39.65	37.30

Unit: mm

HDGC3030WR-S-F-XP

3.00mm pitch 90° Single Row Wafer-SMT TYPE

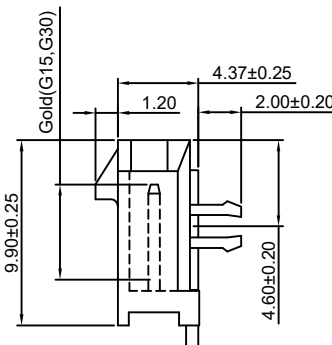
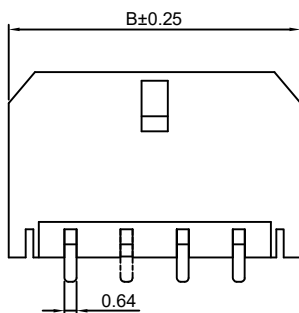
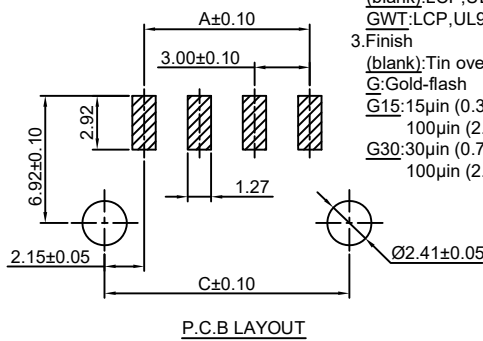
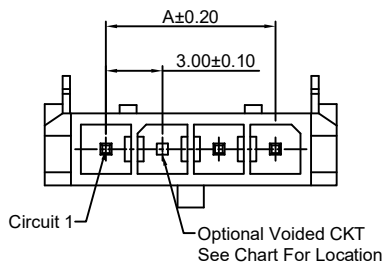
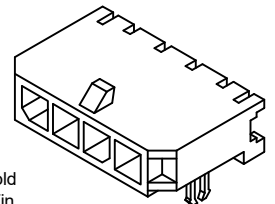
Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: LCP, UL94V-0
- *Mates with HDGC3030HF-XP,
HDGC3030HF-2P-A series Housing
- *Color: Black

Ordering Information:

HDGC3030WR-S-F-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-flash
G15: 15µin (0.38µm) MIN. Select Gold
100µin (2.54µm) MIN. Select Tin
G30: 30µin (0.76µm) MIN. Select Gold
100µin (2.54µm) MIN. Select Tin



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
2P	3.00	9.65	7.30
3P	6.00	12.65	10.30
4P	9.00	15.65	13.30
5P	12.00	18.65	16.30
6P	15.00	21.65	19.30
7P	18.00	24.65	22.30
8P	21.00	27.65	25.30
9P	24.00	30.65	28.30
10P	27.00	33.65	31.30
11P	30.00	36.65	34.30
12P	33.00	39.65	37.30

Unit: mm



HDGC3030 SERIES



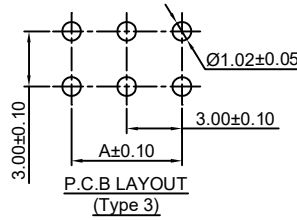
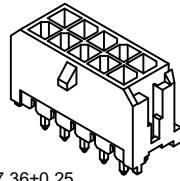
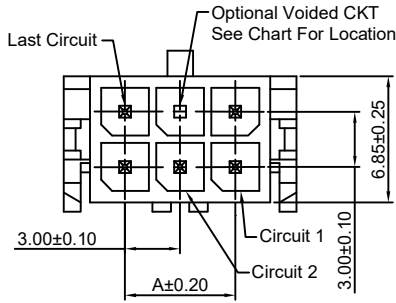
HDGC3030 Series 3.00mm (.118") Pitch Wire to Board and Wire to Wire Connector

HDGC3030WV-2xXP

3.00mm pitch 180° Dual Row Wafer

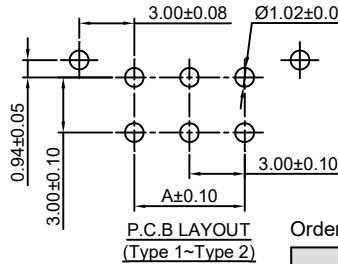
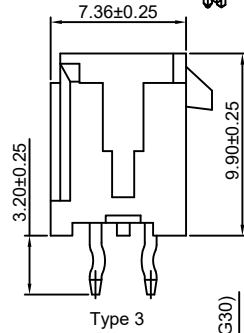
Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 66, UL94V-0
- *Mates with HDGC3030HF-2xXP,
HDGC3030HF-2xXP-A series Housing
- *Color: Black



Ordering Information:
HDGC3030WV-2xXP - ^{*} - ^{*} - ^{*} - ^{*}
1 2 3 4

- Part No.
- Style:
(blank) : Type 1
2 : Type 2
- Material:
(blank) : Nylon 66, UL94V-0
LCP : LCP, UL94V-0
GWT : LCP, UL94V-0, GWT 750 °C
- Finish
(blank) : Tin over Nickel
G : Gold-flash
G15 : 15µin (0.38µm) MIN. Select Gold
100µin (2.54µm) MIN. Select Tin
G30 : 30µin (0.76µm) MIN. Select Gold
100µin (2.54µm) MIN. Select Tin



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2x1P	----	6.65
2x2P	3.00	9.65
2x3P	6.00	12.65
2x4P	9.00	15.65
2x5P	12.00	18.65
2x6P	15.00	21.65
2x7P	18.00	24.65
2x8P	21.00	27.65
2x9P	24.00	30.65
2x10P	27.00	33.65
2x11P	30.00	36.65
2x12P	33.00	39.65

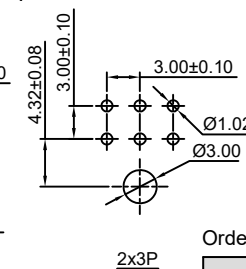
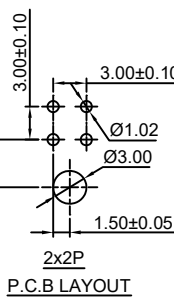
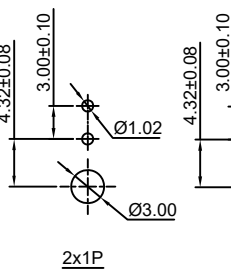
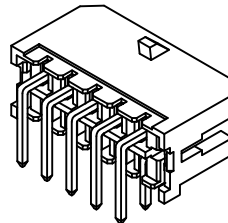
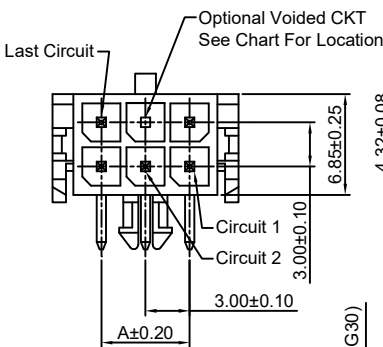
Unit: mm

HDGC3030WR-2xXP

3.00mm pitch 90° Dual Row Wafer With Foot

Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 66, UL94V-0
- *Mates with HDGC3030HF-2xXP,
HDGC3030HF-2xXP-A series Housing
- *Color: Black



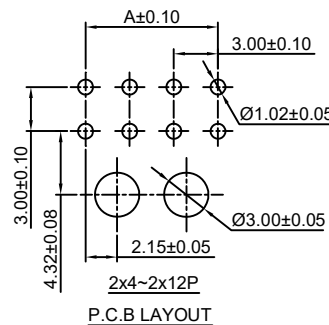
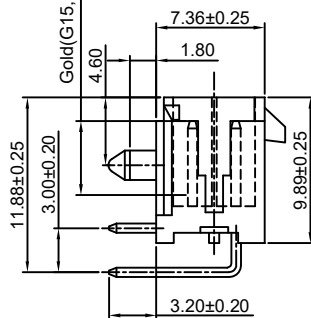
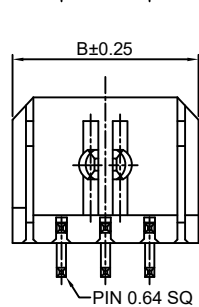
Ordering Information:
HDGC3030WR-2xXP - ^{*} - ^{*} - ^{*}
1 2 3

- Part No.
- Material:
(blank) : Nylon 66, UL94V-0
LCP : LCP, UL94V-0
GWT : LCP, UL94V-0, GWT 750 °C
- Finish
(blank) : Tin over Nickel
G : Gold-flash
G15 : 15µin (0.38µm) MIN. Select Gold
100µin (2.54µm) MIN. Select Tin
G30 : 30µin (0.76µm) MIN. Select Gold
100µin (2.54µm) MIN. Select Tin

Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2x1P	----	6.85
2x2P	3.00	9.85
2x3P	6.00	12.85
2x4P	9.00	15.85
2x5P	12.00	18.85
2x6P	15.00	21.85
2x7P	18.00	24.85
2x8P	21.00	27.85
2x9P	24.00	30.85
2x10P	27.00	33.85
2x11P	30.00	36.85
2x12P	33.00	39.85

Unit: mm





HDGC3030 SERIES



HDGC3030 Series 3.00mm (.118") Pitch Wire to Board and Wire to Wire Connector

HDGC3030WVC-2xXP

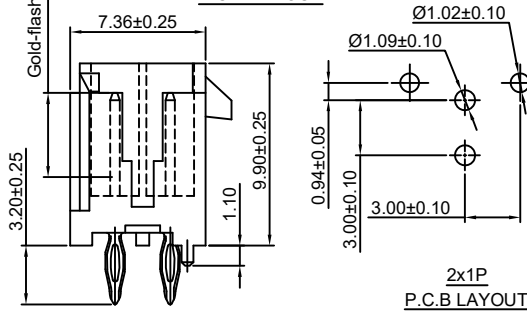
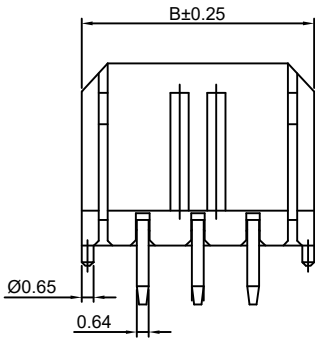
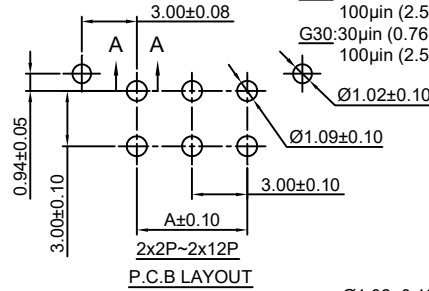
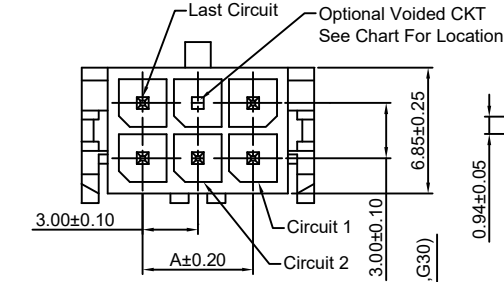
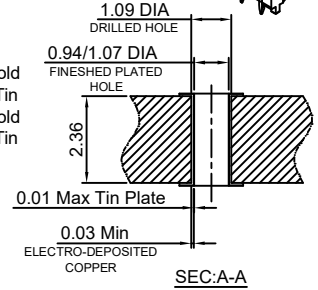
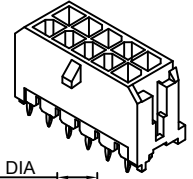
3.00mm pitch Dual Row 180° Compliant Pin Interface Wafer

Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: LCP, UL94V-0
- *Mates with HDGC3030HF-2xXP,
HDGC3030HF-2xXP-A series Housing
- *Color: Black

Ordering Information:
HDGC3030WVC-2xXP - *** - ***
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-flash
G15: 15µin (0.38µm) MIN. Select Gold
100µin (2.54µm) MIN. Select Tin
G30: 30µin (0.76µm) MIN. Select Gold
100µin (2.54µm) MIN. Select Tin



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2x1P	---	6.65
2x2P	3.00	9.65
2x3P	6.00	12.65
2x4P	9.00	15.65
2x5P	12.00	18.65
2x6P	15.00	21.65
2x7P	18.00	24.65
2x8P	21.00	27.65
2x9P	24.00	30.65
2x10P	27.00	33.65
2x11P	30.00	36.65
2x12P	33.00	39.65

Unit: mm

HDGC3030WV-S-2xXP

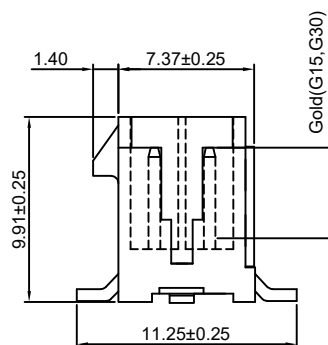
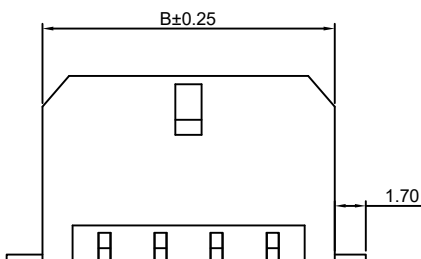
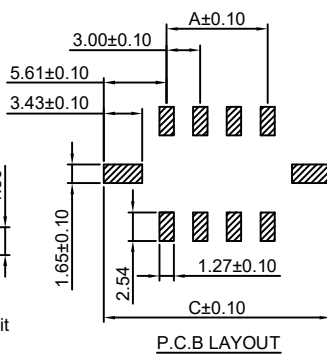
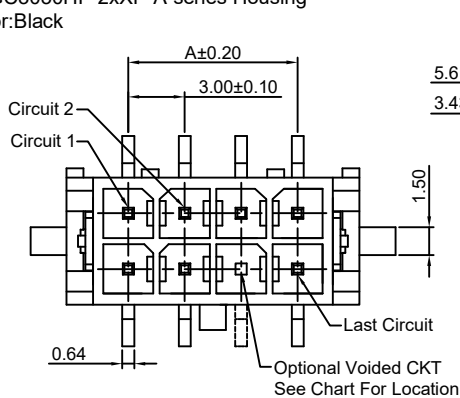
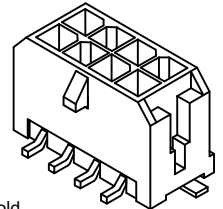
3.00mm pitch 180° Dual Row Wafer-SMT TYPE

Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: LCP, UL94V-0
- *Mates with HDGC3030HF-2xXP,
HDGC3030HF-2xXP-A series Housing
- *Color: Black

Ordering Information:
HDGC3030WV-S-2xXP - *** - ***
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-flash
G15: 15µin (0.38µm) MIN. Select Gold
100µin (2.54µm) MIN. Select Tin
G30: 30µin (0.76µm) MIN. Select Gold
100µin (2.54µm) MIN. Select Tin



PART NO.	Dimensions		
	A	B	C
2x1P	---	6.65	11.20
2x2P	3.00	9.65	14.20
2x3P	6.00	12.65	17.20
2x4P	9.00	15.65	20.20
2x5P	12.00	18.65	23.20
2x6P	15.00	21.65	26.20
2x7P	18.00	24.65	29.20
2x8P	21.00	27.65	32.20
2x9P	24.00	30.65	35.20
2x10P	27.00	33.65	38.20
2x11P	30.00	36.65	41.20
2x12P	33.00	39.65	44.20

Unit: mm



HDGC3030 Series 3.00mm (.118") Pitch Wire to Board and Wire to Wire Connector

HDGC3030WR-S-2xXP

3.00mm pitch 90° Dual Row Wafer-SMT TYPE

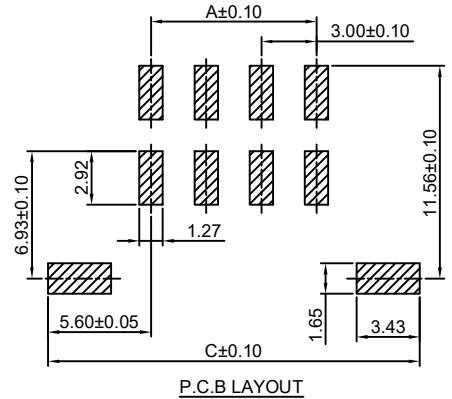
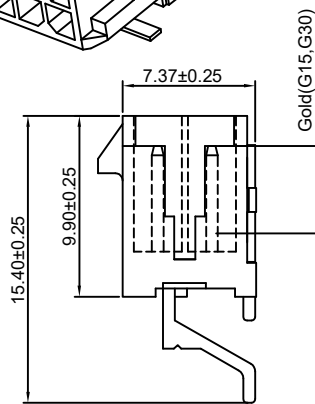
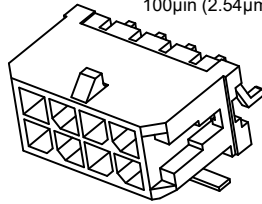
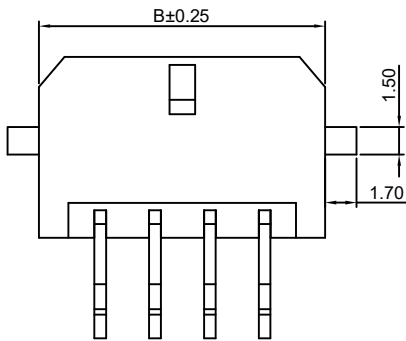
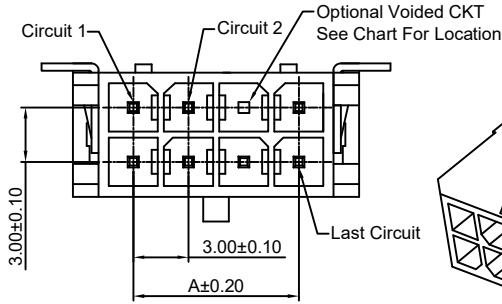
Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: LCP, UL94V-0
- *Mates with HDGC3030HF-2xXP,
HDGC3030HF-2xXP-A series Housing
- *Color: Black

Ordering Information:

HDGC3030WR-S-2xXP - *** - ***
1 2 3

- Part No.
- Material:
(blank): LCP, UL94V-0
GWT: LCP, UL94V-0, GWT 750°C
- Finish
(blank): Tin over Nickel
G: Gold-flash
G15: 15µm (0.38µm) MIN. Select Gold
100µm (2.54µm) MIN. Select Tin
G30: 30µm (0.76µm) MIN. Select Gold
100µm (2.54µm) MIN. Select Tin



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
2x1P	----	6.65	11.20
2x2P	3.00	9.65	14.20
2x3P	6.00	12.65	17.20
2x4P	9.00	15.65	20.20
2x5P	12.00	18.65	23.20
2x6P	15.00	21.65	26.20
2x7P	18.00	24.65	29.20
2x8P	21.00	27.65	32.20
2x9P	24.00	30.65	35.20
2x10P	27.00	33.65	38.20
2x11P	30.00	36.65	41.20
2x12P	33.00	39.65	44.20

Unit: mm

HDGC3030WV-F-2xXP

3.00mm pitch 180° Dual Row Wafer With Foot

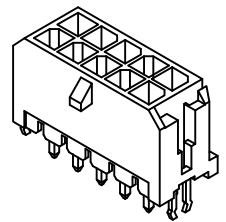
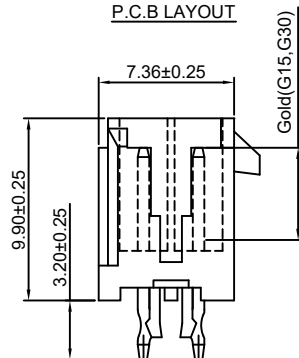
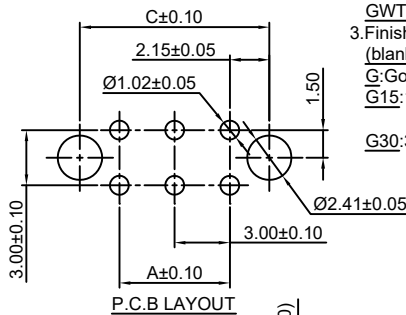
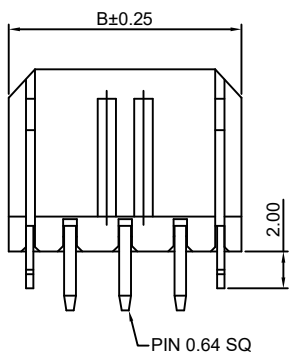
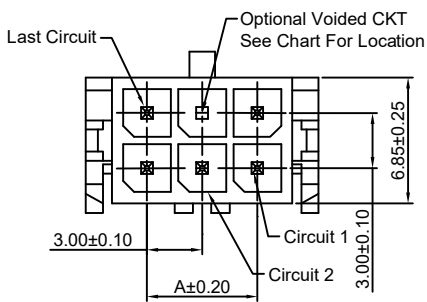
Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 66, UL94V-0
- *Mates with HDGC3030HF-2xXP,
HDGC3030HF-2xXP-A series Housing
- *Color: Black

Ordering Information:

HDGC3030WV-F-2xXP - *** - ***
1 2 3

- Part No.
- Material:
(blank): Nylon 66, UL94V-0
LCP: LCP, UL94V-0
GWT: LCP, UL94V-0, GWT 750°C
- Finish
(blank): Tin over Nickel
G: Gold-flash
G15: 15µm (0.38µm) MIN. Select Gold
100µm (2.54µm) MIN. Select Tin
G30: 30µm (0.76µm) MIN. Select Gold
100µm (2.54µm) MIN. Select Tin



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
2x1P	----	6.65	4.30
2x2P	3.00	9.65	7.30
2x3P	6.00	12.65	10.30
2x4P	9.00	15.65	13.30
2x5P	12.00	18.65	16.30
2x6P	15.00	21.65	19.30
2x7P	18.00	24.65	22.30
2x8P	21.00	27.65	25.30
2x9P	24.00	30.65	28.30
2x10P	27.00	33.65	31.30
2x11P	30.00	36.65	34.30
2x12P	33.00	39.65	37.30

Unit: mm



HDGC3030 Series 3.00mm (.118") Pitch Wire to Board and Wire to Wire Connector

HDGC3030WR-F-2xXP

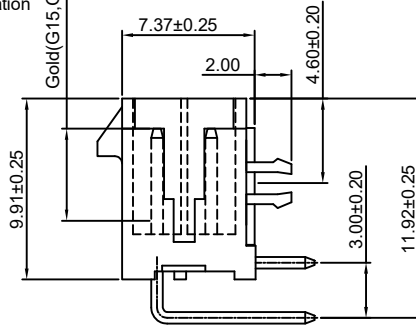
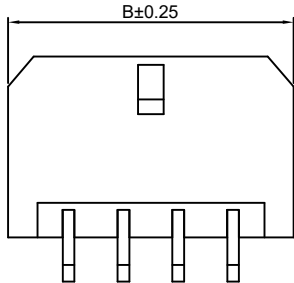
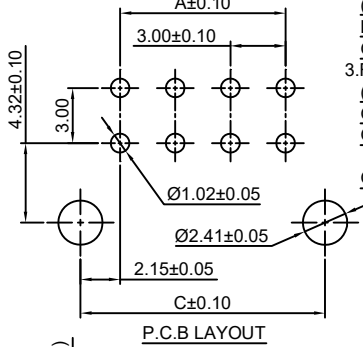
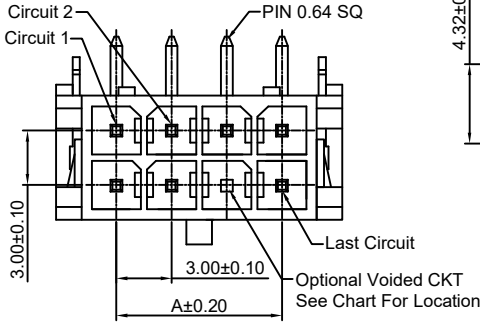
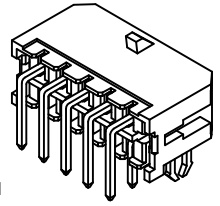
3.00mm pitch 90° Dual Row Wafer With Foot

Reference Informations:

- *Material:Pin:Brass/Tin over Nickel
Insulator:Nylon 66,UL94V-0
- *Mates with HDGC3030HF-2xXP,
HDGC3030HF-2xXP-A series Housing
- *Color:Black

Ordering Information:
HDGC3030WR-F-2xXP - *** - ***
1 2 3

- Part No.
- Material:
(blank):Nylon 66, UL94V-0
LCP:LCP,UL94V-0
GWT:LCP,UL94V-0,GWT 750 °C
- Finish
(blank):Tin over Nickel
G:Gold-flash
G15:15µin (0.38µm) MIN.Select Gold
100µin (2.54µm) MIN.Select Tin
G30:30µin (0.76µm) MIN.Select Gold
100µin (2.54µm) MIN.Select Tin



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
2x1P	---	6.65	4.30
2x2P	3.00	9.65	7.30
2x3P	6.00	12.65	10.30
2x4P	9.00	15.65	13.30
2x5P	12.00	18.65	16.30
2x6P	15.00	21.65	19.30
2x7P	18.00	24.65	22.30
2x8P	21.00	27.65	25.30
2x9P	24.00	30.65	28.30
2x10P	27.00	33.65	31.30
2x11P	30.00	36.65	34.30
2x12P	33.00	39.65	37.30

Unit: mm

HDGC3030WV-S-F-2xXP

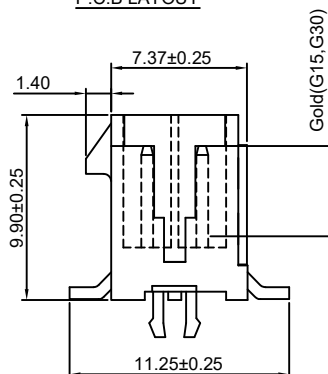
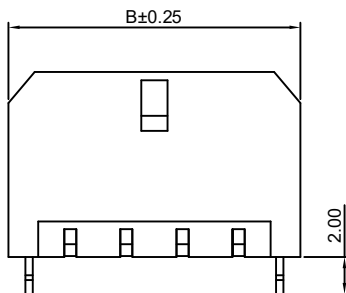
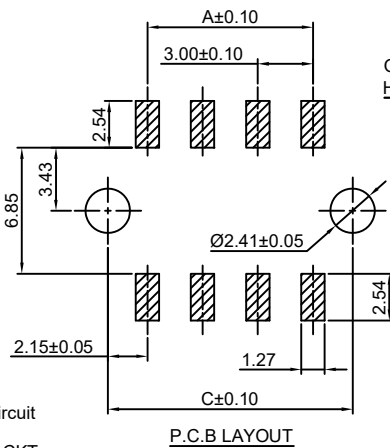
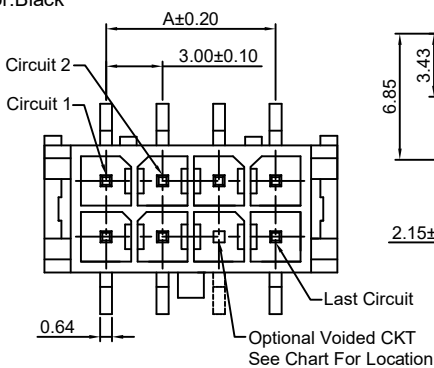
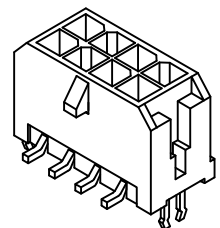
3.00mm pitch 180° Dual Row Wafer-SMT TYPE

Reference Informations:

- *Material:Pin:Brass/Tin over Nickel
Insulator:LCP,UL94V-0
- *Mates with HDGC3030HF-2xXP,
HDGC3030HF-2xXP-A series Housing
- *Color:Black

Ordering Information:
HDGC3030WV-S-F-2xXP - *** - ***
1 2 3

- Part No.
- Material:
(blank):LCP,UL94V-0
GWT:LCP,UL94V-0,GWT 750 °C
- Finish
(blank):Tin over Nickel
G:Gold-flash
G15:15µin (0.38µm) MIN.Select Gold
100µin (2.54µm) MIN.Select Tin
G30:30µin (0.76µm) MIN.Select Gold
100µin (2.54µm) MIN.Select Tin



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
2x1P	---	6.65	4.30
2x2P	3.00	9.65	7.30
2x3P	6.00	12.65	10.30
2x4P	9.00	15.65	13.30
2x5P	12.00	18.65	16.30
2x6P	15.00	21.65	19.30
2x7P	18.00	24.65	22.30
2x8P	21.00	27.65	25.30
2x9P	24.00	30.65	28.30
2x10P	27.00	33.65	31.30
2x11P	30.00	36.65	34.30
2x12P	33.00	39.65	37.30

Unit: mm



HDGC3030 SERIES



HDGC3030 Series 3.00mm (.118") Pitch Wire to Board and Wire to Wire Connector

HDGC3030WR-S-F-2xXP

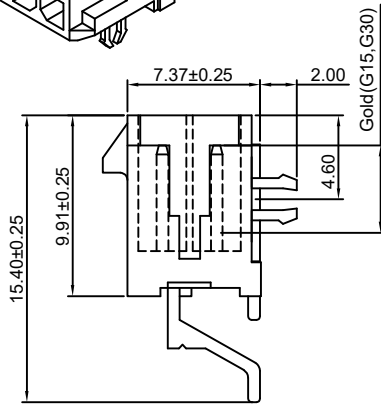
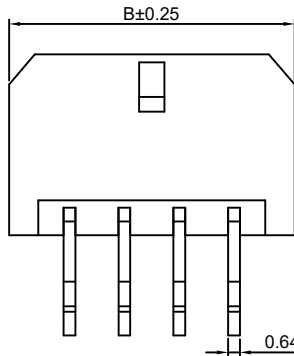
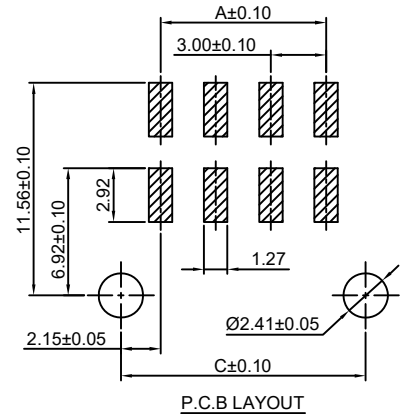
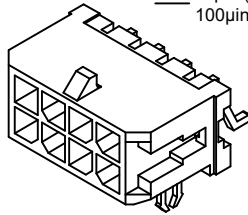
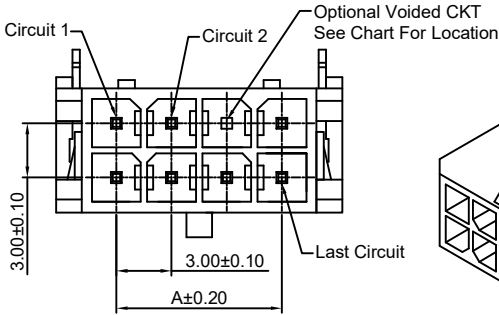
3.00mm pitch 90° Dual Row Wafer-SMT TYPE

Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: LCP, UL94V-0
- *Mates with HDGC3030HF-2xXP,
HDGC3030HF-2xXP-A series Housing
- *Color: Black

Ordering Information:
 HDGC3030WR-S-F-2xXP - *** - ***
 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-flash
G15: 15µm (0.38µm) MIN. Select Gold
100µm (2.54µm) MIN. Select Tin
G30: 30µm (0.76µm) MIN. Select Gold
100µm (2.54µm) MIN. Select Tin



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
2x1P	---	6.65	4.30
2x2P	3.00	9.65	7.30
2x3P	6.00	12.65	10.30
2x4P	9.00	15.65	13.30
2x5P	12.00	18.65	16.30
2x6P	15.00	21.65	19.30
2x7P	18.00	24.65	22.30
2x8P	21.00	27.65	25.30
2x9P	24.00	30.65	28.30
2x10P	27.00	33.65	31.30
2x11P	30.00	36.65	34.30
2x12P	33.00	39.65	37.30

Unit: mm

HDGC3030WR-S-F1-2xXP

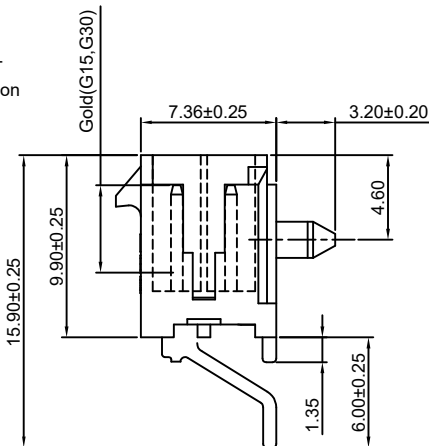
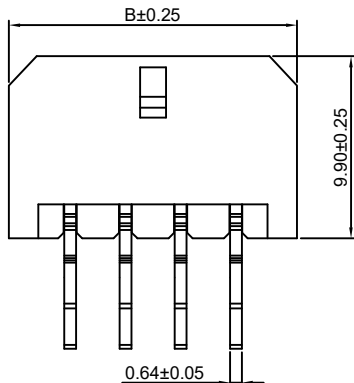
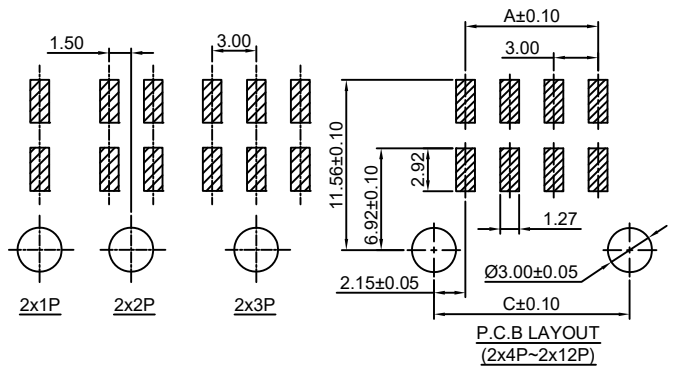
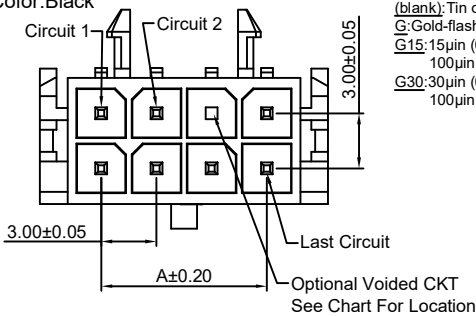
3.00mm pitch 90° Dual Row Wafer-SMT TYPE

Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: LCP, UL94V-0
- *Mates with HDGC3030HF-2xXP,
HDGC3030HF-2xXP-A series Housing
- *Color: Black

Ordering Information:
 HDGC3030WR-S-F1-2xXP - *** - ***
 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-flash
G15: 15µm (0.38µm) MIN. Select Gold
100µm (2.54µm) MIN. Select Tin
G30: 30µm (0.76µm) MIN. Select Gold
100µm (2.54µm) MIN. Select Tin



PART NO.	Dimensions		
	A	B	C
2x1P	---	6.65	4.30
2x2P	3.00	9.65	7.30
2x3P	6.00	12.65	10.30
2x4P	9.00	15.65	13.30
2x5P	12.00	18.65	16.30
2x6P	15.00	21.65	19.30
2x7P	18.00	24.65	22.30
2x8P	21.00	27.65	25.30
2x9P	24.00	30.65	28.30
2x10P	27.00	33.65	31.30
2x11P	30.00	36.65	34.30
2x12P	33.00	39.65	37.30

Unit: mm



HDGC3030 SERIES



HDGC3030 Series 3.00mm (.118") Pitch Wire to Board and Wire to Wire Connector

HDGC3030WVA-2xXP

3.00mm pitch 180° Dual Row Wafer

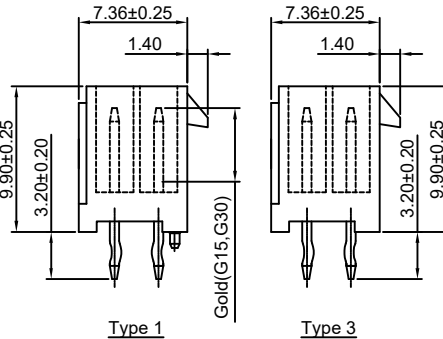
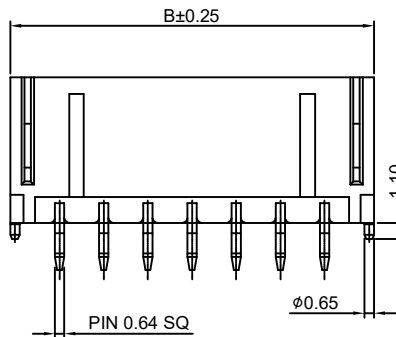
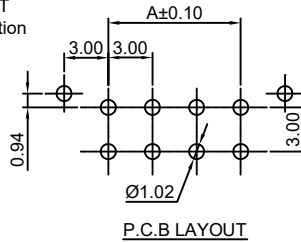
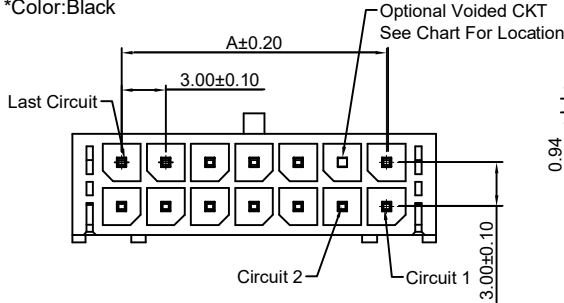
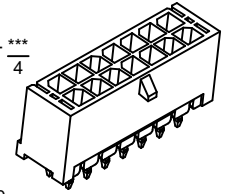
Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 66, UL94V-0
- *Mates with HDGC3030HF-2xXP,
HDGC3030HF-2xXP-A series Housing
- *Color: Black

Ordering Information:

HDGC3030WVA-2xXP - ^{*}/₁ - ^{***}/₂ - ^{***}/₃ - ^{***}/₄

- Part No.
- Style:
(blank): Type 1
3: Type 3
- Material:
(blank): Nylon 66, UL94V-0
GWT: Nylon 66, UL94V-0, GWT 750°C
- Finish:
(blank): Tin over Nickel
G: Gold-flash
G15: 15µin (0.38µm) MIN. Select Gold
100µin (2.54µm) MIN. Select Tin
G30: 30µin (0.76µm) MIN. Select Gold
100µin (2.54µm) MIN. Select Tin



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2x1P	---	6.70
2x2P	3.00	9.70
2x3P	6.00	12.70
2x4P	9.00	15.70
2x5P	12.00	18.70
2x6P	15.00	21.70
2x7P	18.00	24.70
2x8P	21.00	27.70
2x9P	24.00	30.70
2x10P	27.00	33.70
2x11P	30.00	36.70
2x12P	33.00	39.70

Unit: mm

HDGC3030WVA-S-2xXP

3.00mm pitch 180° Dual Row Wafer - SMT TYPE

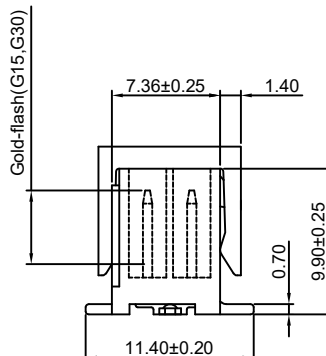
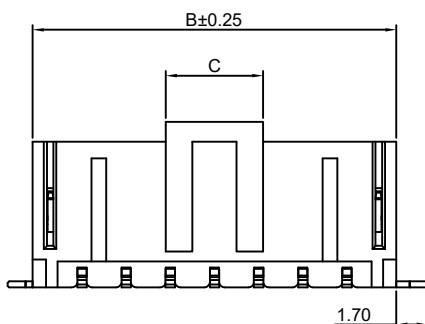
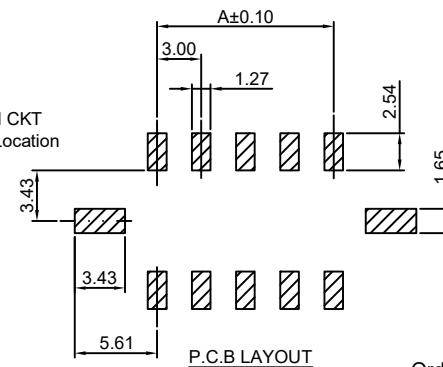
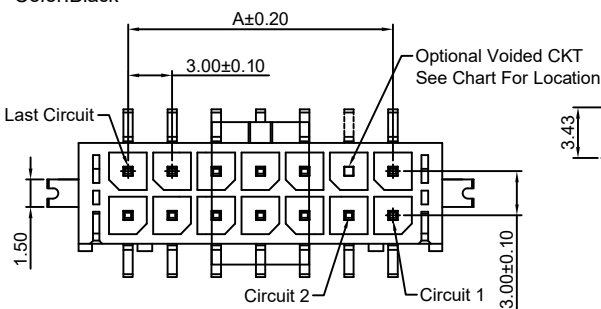
Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: LCP, UL94V-0
- *Mates with HDGC3030HF-2xXP,
HDGC3030HF-2xXP-A series Housing
- *Color: Black

Ordering Information:

HDGC3030WVA-S-2xXP - ^{*}/₁ - ^{***}/₂ - ^{***}/₃

- Part No.
- Material:
(blank): LCP, UL94V-0
GWT: LCP, UL94V-0, GWT 750°C
- Finish:
(blank): Tin over Nickel
G: Gold-flash
G15: 15µin (0.38µm) MIN. Select Gold
100µin (2.54µm) MIN. Select Tin
G30: 30µin (0.76µm) MIN. Select Gold
100µin (2.54µm) MIN. Select Tin



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
2x1P	---	6.70	6.60
2x2P	3.00	9.70	6.60
2x3P	6.00	12.70	6.60
2x4P	9.00	15.70	6.60
2x5P	12.00	18.70	6.60
2x6P	15.00	21.70	6.60
2x7P	18.00	24.70	6.60
2x8P	21.00	27.70	12.00
2x9P	24.00	30.70	12.00
2x10P	27.00	33.70	12.00
2x11P	30.00	36.70	12.00
2x12P	33.00	39.70	12.00

Unit: mm



HDGC3030 SERIES



HDGC3030 Series 3.00mm (.118") Pitch Wire to Board and Wire to Wire Connector

HDGC3030WVA-F-2xXP

3.00mm pitch 180° Dual Row Wafer

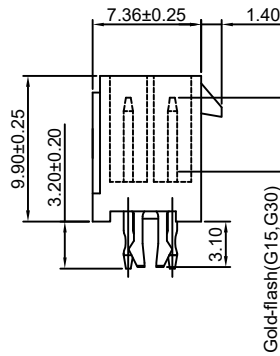
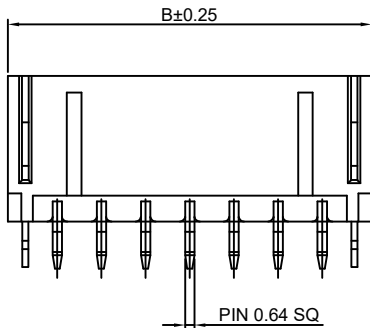
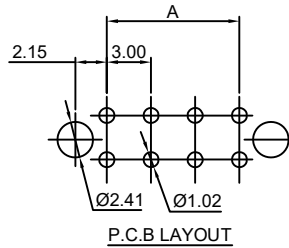
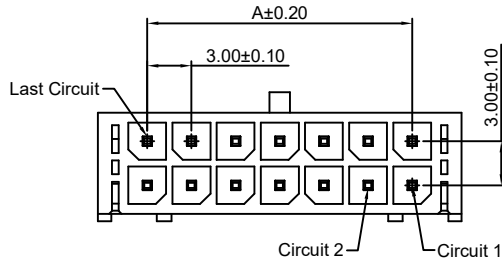
Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: LCP, UL94V-0
- *Mates with HDGC3030HF-2xXP,
HDGC3030HF-2xXP-A series Housing
- *Color: Black

Ordering Information:

HDGC3030WVA-F-2xXP - ^{***}/₂ - ^{***}/₃

- Part No.
- Material:
(blank): LCP, UL94V-0
GWT: LCP, UL94V-0, GWT 750°C
- Finish
(blank): Tin over Nickel
G: Gold-flash
G15: 15µin (0.38µm) MIN. Select Gold
100µin (2.54µm) MIN. Select Tin
G30: 30µin (0.76µm) MIN. Select Gold
100µin (2.54µm) MIN. Select Tin



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2x1P	----	6.70
2x2P	3.00	9.70
2x3P	6.00	12.70
2x4P	9.00	15.70
2x5P	12.00	18.70
2x6P	15.00	21.70
2x7P	18.00	24.70
2x8P	21.00	27.70
2x9P	24.00	30.70
2x10P	27.00	33.70
2x11P	30.00	36.70
2x12P	33.00	39.70

Unit: mm

HDGC3030WVA-S-F-2xXP

3.00mm pitch 180° Dual Row Wafer - SMT TYPE

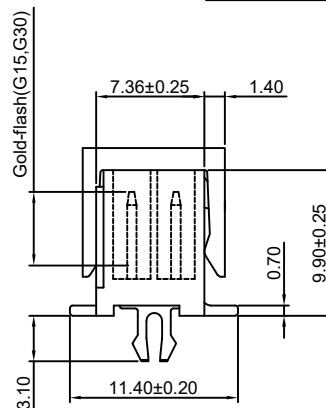
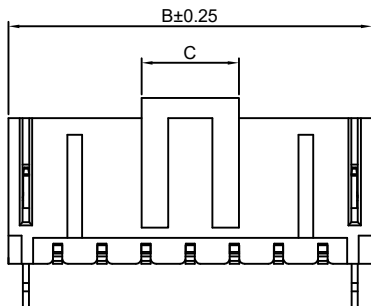
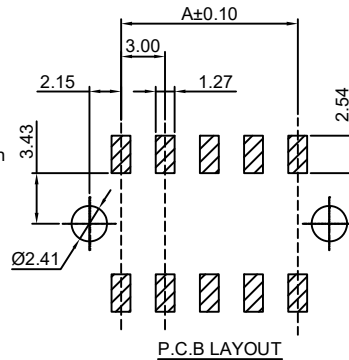
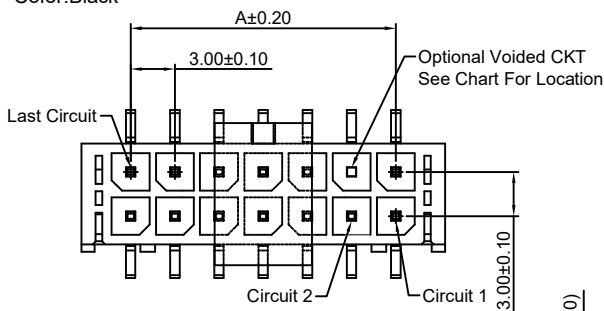
Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: LCP, UL94V-0
- *Mates with HDGC3030HF-2xXP,
HDGC3030HF-2xXP-A series Housing
- *Color: Black

Ordering Information:

HDGC3030WVA-S-F-2xXP - ^{***}/₂ - ^{***}/₃

- Part No.
- Material:
(blank): LCP, UL94V-0
GWT: LCP, UL94V-0, GWT 750°C
- Finish
(blank): Tin over Nickel
G: Gold-flash
G15: 15µin (0.38µm) MIN. Select Gold
100µin (2.54µm) MIN. Select Tin
G30: 30µin (0.76µm) MIN. Select Gold
100µin (2.54µm) MIN. Select Tin



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
2x1P	----	6.70	6.60
2x2P	3.00	9.70	6.60
2x3P	6.00	12.70	6.60
2x4P	9.00	15.70	6.60
2x5P	12.00	18.70	6.60
2x6P	15.00	21.70	6.60
2x7P	18.00	24.70	6.60
2x8P	21.00	27.70	12.00
2x9P	24.00	30.70	12.00
2x10P	27.00	33.70	12.00
2x11P	30.00	36.70	12.00
2x12P	33.00	39.70	12.00

Unit: mm



HDGC3030 SERIES



HDGC3030 Series 3.00mm (.118") Pitch Wire to Board and Wire to Wire Connector

HDGC3030WRA-F-2xXP

3.00mm pitch 90° Dual Row Wafer

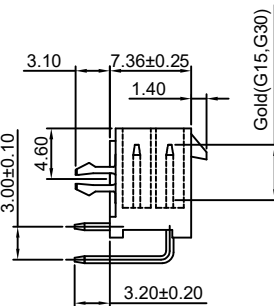
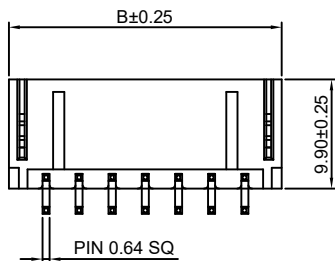
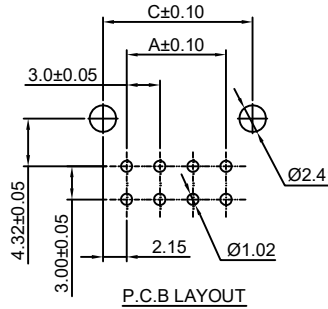
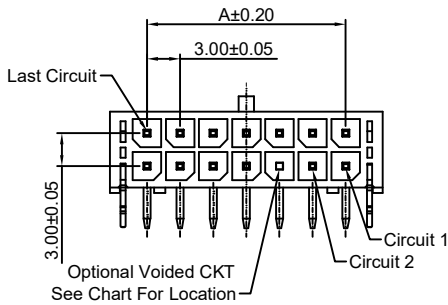
Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 66, UL94V-0
- *Mates with HDGC3030HF-2xXP,
HDGC3030HF-2xXP-A series Housing
- *Color: Black

Ordering Information:

HDGC3030WRA-F-2xXP - *** - ***
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-flash
G15: 15µm (0.38µm) MIN. Select Gold
100µm (2.54µm) MIN. Select Tin
G30: 30µm (0.76µm) MIN. Select Gold
100µm (2.54µm) MIN. Select Tin



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
2x1P	---	6.65	4.30
2x2P	3.00	9.65	7.30
2x3P	6.00	12.65	10.30
2x4P	9.00	15.65	13.30
2x5P	12.00	18.65	16.30
2x6P	15.00	21.65	19.30
2x7P	18.00	24.65	22.30
2x8P	21.00	27.65	25.30
2x9P	24.00	30.65	28.30
2x10P	27.00	33.65	31.30
2x11P	30.00	36.65	34.30
2x12P	33.00	39.65	37.30

Unit: mm

HDGC3030WRA-F1-2xXP

3.00mm pitch 90° Dual Row Wafer

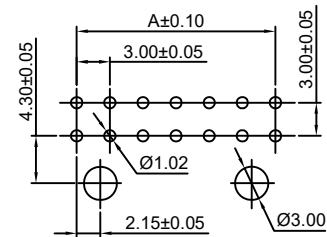
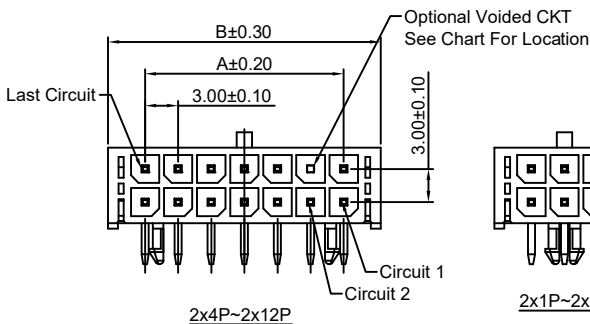
Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 66, UL94V-0
- *Mates with HDGC3030HF-2xXP,
HDGC3030HF-2xXP-A series Housing
- *Color: Black

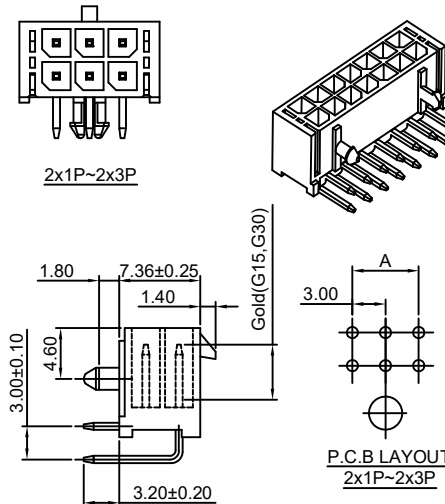
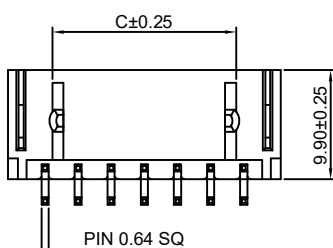
Ordering Information:

HDGC3030WRA-F1-2xXP - *** - ***
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-flash
G15: 15µm (0.38µm) MIN. Select Gold
100µm (2.54µm) MIN. Select Tin
G30: 30µm (0.76µm) MIN. Select Gold
100µm (2.54µm) MIN. Select Tin



P.C.B LAYOUT
2x4P~2x12P



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
2x1P	---	6.65	2.90
2x2P	3.00	9.65	2.90
2x3P	6.00	12.65	2.90
2x4P	9.00	15.65	7.60
2x5P	12.00	18.65	10.60
2x6P	15.00	21.65	13.60
2x7P	18.00	24.65	16.60
2x8P	21.00	27.65	19.60
2x9P	24.00	30.65	22.60
2x10P	27.00	33.65	25.60
2x11P	30.00	36.65	28.60
2x12P	33.00	39.65	31.60

Unit: mm



HDGC3030 SERIES



HDGC3030 Series 3.00mm (.118") Pitch Wire to Board and Wire to Wire Connector

HDGC3030WRA-S-2xXP

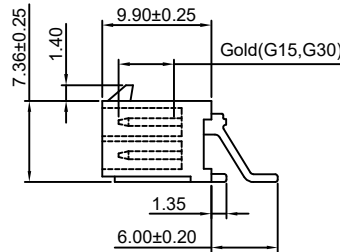
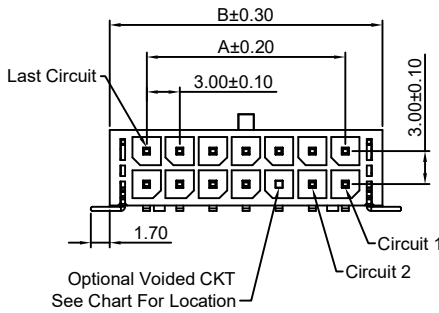
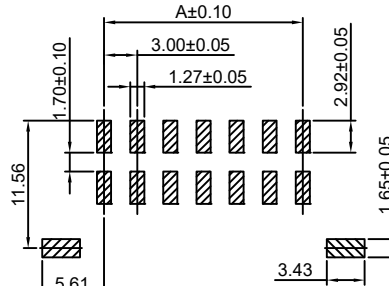
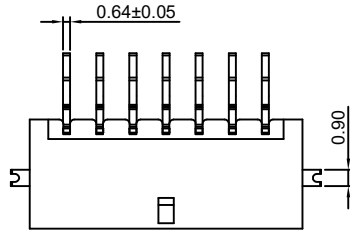
3.00mm pitch 90° Dual Row Wafer - SMT TYPE

Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: LCP, UL94V-0
- *Mates with HDGC3030HF-2xXP,
HDGC3030HF-2xXP-A series Housing
- *Color: Black

Ordering Information:
 HDGC3030WRA-S-2xXP - *** - ***
 1 2 3

- Part No.
- Material:
(blank): LCP, UL94V-0
GWT: LCP, UL94V-0, GWT 750 °C
- Finish
(blank): Tin over Nickel
G: Gold-flash
G15: 15µin (0.38µm) MIN. Select Gold
100µin (2.54µm) MIN. Select Tin
G30: 30µin (0.76µm) MIN. Select Gold
100µin (2.54µm) MIN. Select Tin



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2x1P	---	6.70
2x2P	3.00	9.70
2x3P	6.00	12.70
2x4P	9.00	15.70
2x5P	12.00	18.70
2x6P	15.00	21.70
2x7P	18.00	24.70
2x8P	21.00	27.70
2x9P	24.00	30.70
2x10P	27.00	33.70
2x11P	30.00	36.70
2x12P	33.00	39.70

Unit: mm

HDGC3030WRA-S-F-2xXP

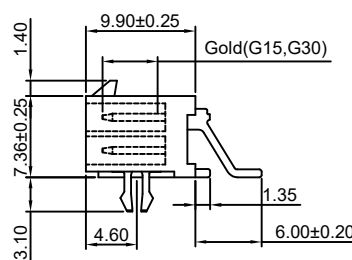
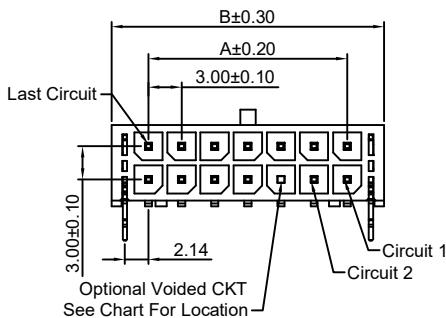
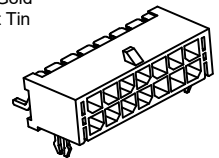
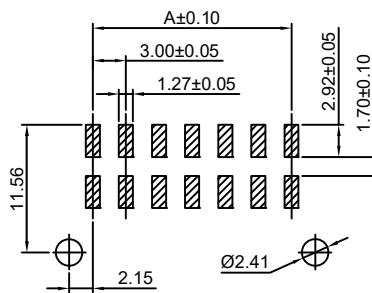
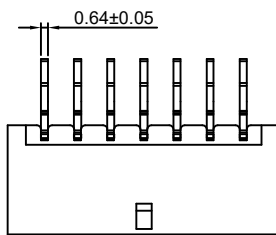
3.00mm pitch 90° Dual Row Wafer - SMT TYPE

Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: LCP, UL94V-0
- *Mates with HDGC3030HF-2xXP,
HDGC3030HF-2xXP-A series Housing
- *Color: Black

Ordering Information:
 HDGC3030WRA-S-F-2xXP - *** - ***
 1 2 3

- Part No.
- Material:
(blank): LCP, UL94V-0
GWT: LCP, UL94V-0, GWT 750 °C
- Finish
(blank): Tin over Nickel
G: Gold-flash
G15: 15µin (0.38µm) MIN. Select Gold
100µin (2.54µm) MIN. Select Tin
G30: 30µin (0.76µm) MIN. Select Gold
100µin (2.54µm) MIN. Select Tin



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2x1P	---	6.70
2x2P	3.00	9.70
2x3P	6.00	12.70
2x4P	9.00	15.70
2x5P	12.00	18.70
2x6P	15.00	21.70
2x7P	18.00	24.70
2x8P	21.00	27.70
2x9P	24.00	30.70
2x10P	27.00	33.70
2x11P	30.00	36.70
2x12P	33.00	39.70

Unit: mm



HDGC3030 SERIES



HDGC3030 Series 3.00mm (.118") Pitch Wire to Board and Wire to Wire Connector

HDGC3030WRA-S-F1-2xXP

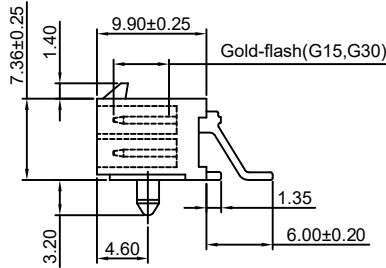
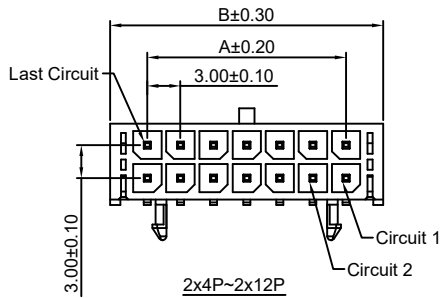
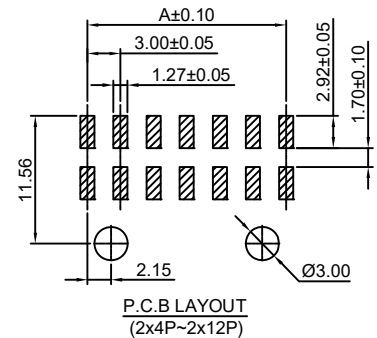
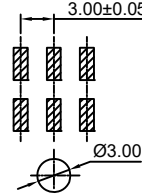
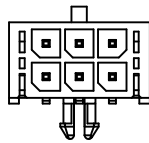
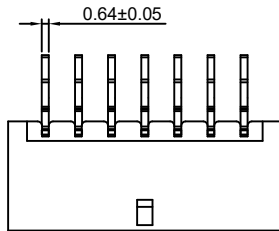
3.00mm pitch 90° Dual Row Wafer - SMT TYPE

Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: LCP, UL94V-0
- *Mates with HDGC3030HF-2xXP,
HDGC3030HF-2xXP-A series Housing
- *Color: Black

Ordering Information:
 $\frac{\text{HDGC3030WRA-S-F1-2xXP}}{1} - \frac{\text{***}}{2} - \frac{\text{***}}{3}$

1. Part No.
2. Material:
(blank): LCP, UL94V-0
GWT: LCP, UL94V-0, GWT 750 °C
3. Finish
(blank): Tin over Nickel
G: Gold-flash
G15: 15µm (0.38µm) MIN. Select Gold
100µm (2.54µm) MIN. Select Tin
G30: 30µm (0.76µm) MIN. Select Gold
100µm (2.54µm) MIN. Select Tin



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2x1P	---	6.70
2x2P	3.00	9.70
2x3P	6.00	12.70
2x4P	9.00	15.70
2x5P	12.00	18.70
2x6P	15.00	21.70
2x7P	18.00	24.70
2x8P	21.00	27.70
2x9P	24.00	30.70
2x10P	27.00	33.70
2x11P	30.00	36.70
2x12P	33.00	39.70

Unit: mm

HDGC3030HFWV-2xXP

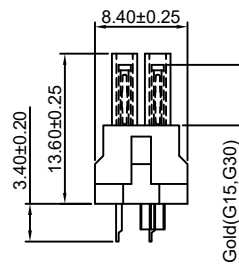
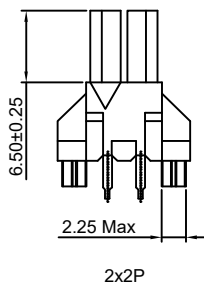
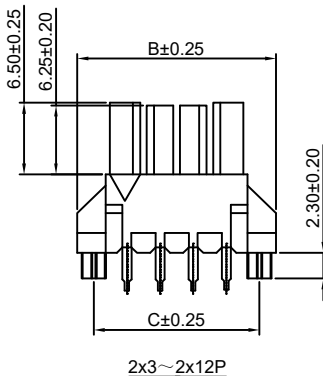
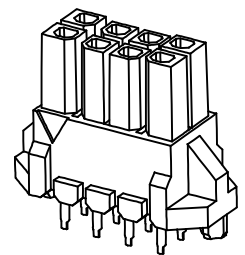
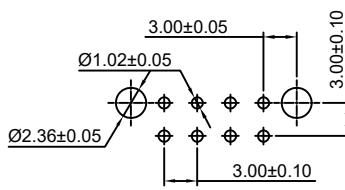
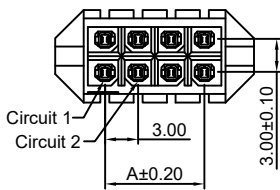
3.00mm pitch Dual Row Receptacle Header

Reference Informations:

- *Material: LCP, UL94V-0
- *Mates with HDGC3030HMB-2xXP series Housing
or HDGC3030WVB, WRB-2xXP Series Wafer
- *Color: Black

Ordering Information:
 $\frac{\text{HDGC3030HFWV-2xXP}}{1} - \frac{\text{***}}{2} - \frac{\text{***}}{3}$

1. Part No.
2. Material:
(blank): LCP, UL94V-0
GWT: LCP, UL94V-0, GWT 750 °C
3. Finish
(blank): Tin over Nickel
G: Gold-flash
G15: 15µm (0.38µm) MIN. Select Gold
100µm (2.54µm) MIN. Select Tin
G30: 30µm (0.76µm) MIN. Select Gold
100µm (2.54µm) MIN. Select Tin



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
2x2P	3.00	12.00	9.00
2x3P	6.00	15.00	12.00
2x4P	9.00	18.00	15.00
2x5P	12.00	21.00	18.00
2x6P	15.00	24.00	21.00
2x7P	18.00	27.00	24.00
2x8P	21.00	30.00	27.00
2x9P	24.00	33.00	30.00
2x10P	27.00	36.00	33.00
2x11P	30.00	39.00	36.00
2x12P	33.00	42.00	39.00

Unit: mm



HDGC3030 SERIES



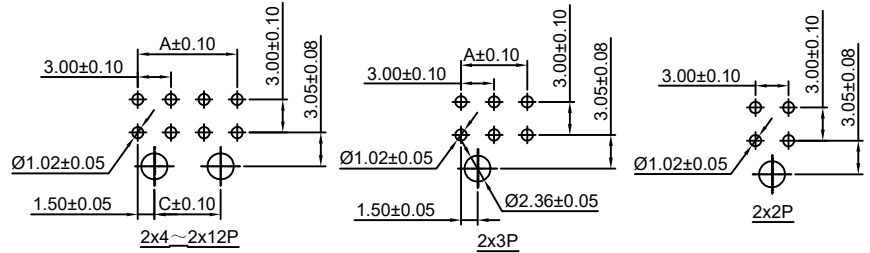
HDGC3030 Series 3.00mm (.118") Pitch Wire to Board and Wire to Wire Connector

HDGC3030HFWR-2xXP

3.00mm pitch Dual Row Receptacle Header

Reference Informations:

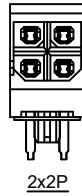
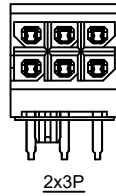
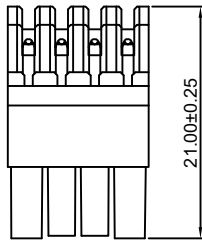
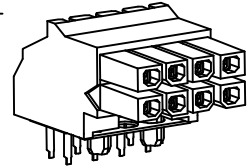
- *Material:LCP,UL94V-0
- *Mates with HDGC3030HMB-2xXP series Housing or HDGC3030WVB,WRB-2xXP Series Wafer
- *Color:Black



Ordering Information:
 HDGC3030HFWR-2xXP - *** - ***
 1 2 3

- Part No.
- Material:
(blank):LCP,UL94V-0
GWT:LCP,UL94V-0,GWT 750°C
- Finish:
(blank):Tin over Nickel
G:Gold-flash
G15:15µin (0.38µm) MIN.Select Gold
100µin (2.54µm) MIN.Select Tin
G30:30µin (0.76µm) MIN.Select Gold
100µin (2.54µm) MIN.Select Tin

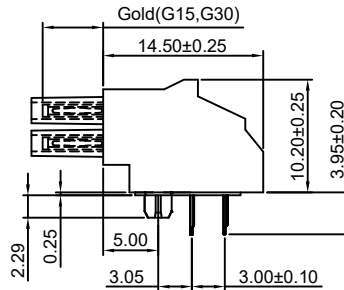
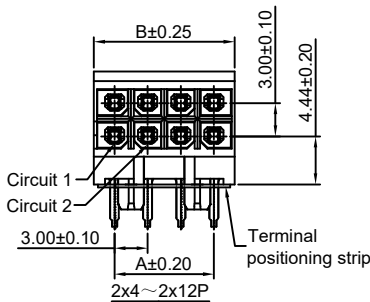
P.C.B LAYOUT



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
2x2P	3.00	6.70	---
2x3P	6.00	9.70	---
2x4P	9.00	12.70	6.00
2x5P	12.00	15.70	9.00
2x6P	15.00	18.70	12.00
2x7P	18.00	21.70	15.00
2x8P	21.00	24.70	18.00
2x9P	24.00	27.70	21.00
2x10P	27.00	30.70	24.00
2x11P	30.00	33.70	27.00
2x12P	33.00	36.70	30.00

Unit: mm

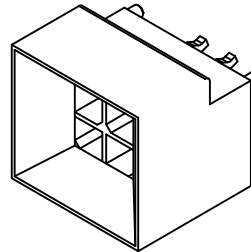


HDGC3030WVB-2xXP

3.00mm pitch Dual Row 180° Wafer

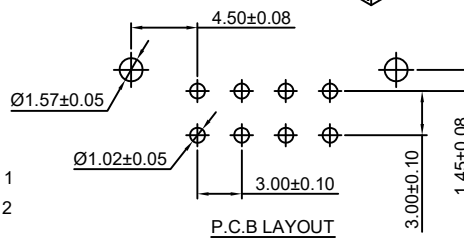
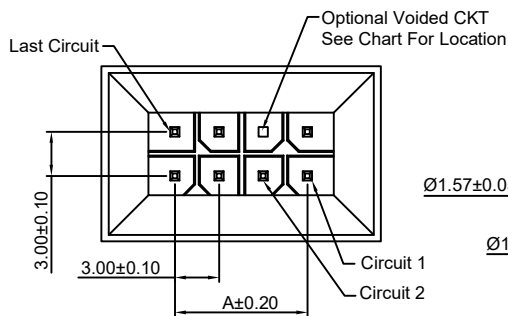
Reference Informations:

- *Material:Pin:Brass/Tin over Nickel
Insulator:LCP,UL94-V0
- *Mates with HDGC3030HFB-2xXP Series Housing or HDGC3030HFVW,HFWR-2xXP Receptacle Header
- *Color:Black



Ordering Information:
 HDGC3030WVB-2xXP - *** - ***
 1 2 3

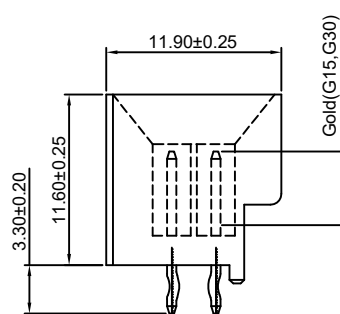
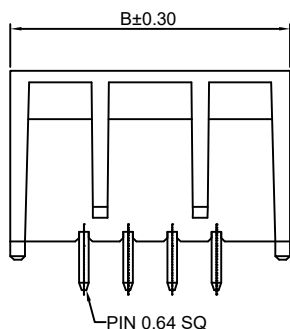
- Part No.
- Material:
(blank):LCP,UL94V-0
GWT:LCP,UL94V-0,GWT 750°C
- Finish:
(blank):Tin over Nickel
G:Gold-flash
G15:15µin (0.38µm) MIN.Select Gold
100µin (2.54µm) MIN.Select Tin
G30:30µin (0.76µm) MIN.Select Gold
100µin (2.54µm) MIN.Select Tin



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2x2P	3.00	13.00
2x3P	6.00	16.00
2x4P	9.00	19.00
2x5P	12.00	22.00
2x6P	15.00	25.00
2x7P	18.00	28.00
2x8P	21.00	31.00
2x9P	24.00	34.00
2x10P	27.00	37.00
2x11P	30.00	40.00
2x12P	33.00	43.00

Unit: mm





HDGC3030 Series 3.00mm (.118") Pitch Wire to Board and Wire to Wire Connector

HDGC3030WRB-2xXP

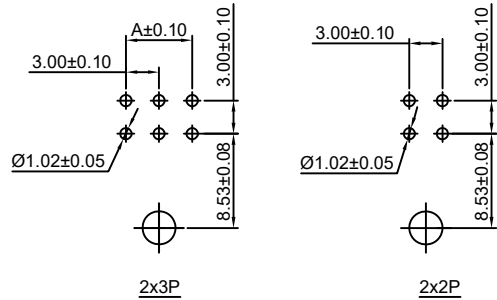
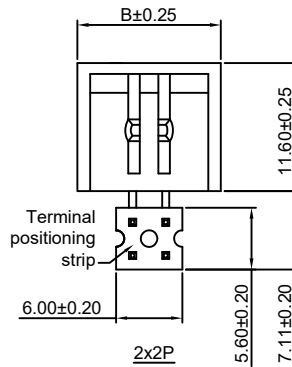
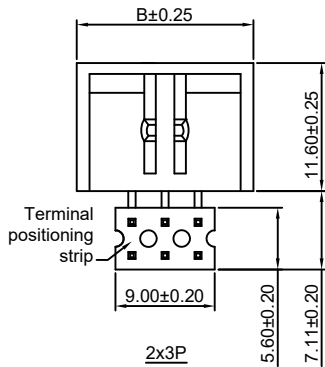
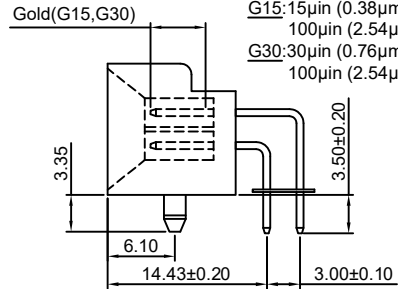
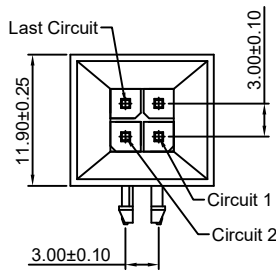
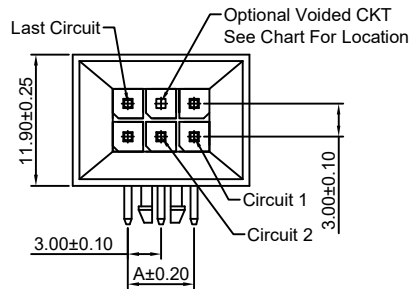
3.00mm pitch Dual Row 90° Wafer

Reference Informations:

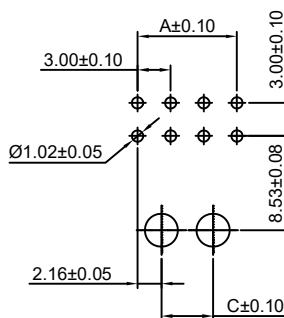
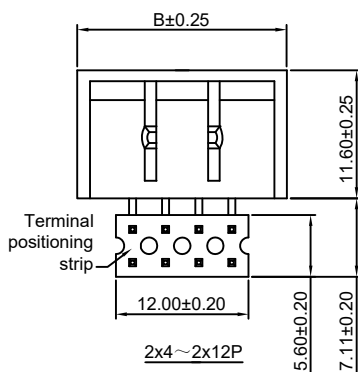
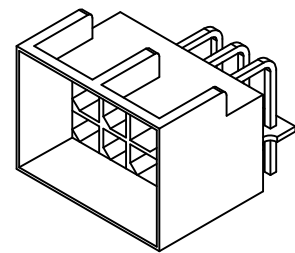
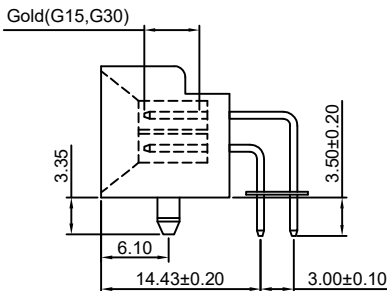
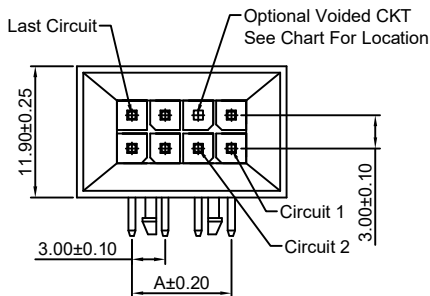
- *Material: Pin: Brass/Tin over Nickel
Terminal positioning strip: Mylar (Natural)
Insulator: LCP, UL94V-0
- *Mates with HDGC3030HFB-2xXP Series Housing
or HDGC3030HFVW, HFWR-2xXP Receptacle Header
- *Color: Black

Ordering Information:
 HDGC3030WRB-2xXP - $\frac{***}{1}$ - $\frac{***}{2}$ - $\frac{***}{3}$

- Part No.
- Material:
(blank): LCP, UL94V-0
GWT: LCP, UL94V-0, GWT 750 °C
- Finish
(blank): Tin over Nickel
G: Gold-flash
G15: 15µm (0.38µm) MIN. Select Gold
100µm (2.54µm) MIN. Select Tin
G30: 30µm (0.76µm) MIN. Select Gold
100µm (2.54µm) MIN. Select Tin



P.C.B LAYOUT



P.C.B LAYOUT

Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
2x2P	3.00	13.00	---
2x3P	6.00	16.00	---
2x4P	9.00	19.00	4.68
2x5P	12.00	22.00	7.68
2x6P	15.00	25.00	10.68
2x7P	18.00	28.00	13.68
2x8P	21.00	31.00	16.68
2x9P	24.00	34.00	19.68
2x10P	27.00	37.00	22.68
2x11P	30.00	40.00	25.68
2x12P	33.00	43.00	28.68

Unit: mm