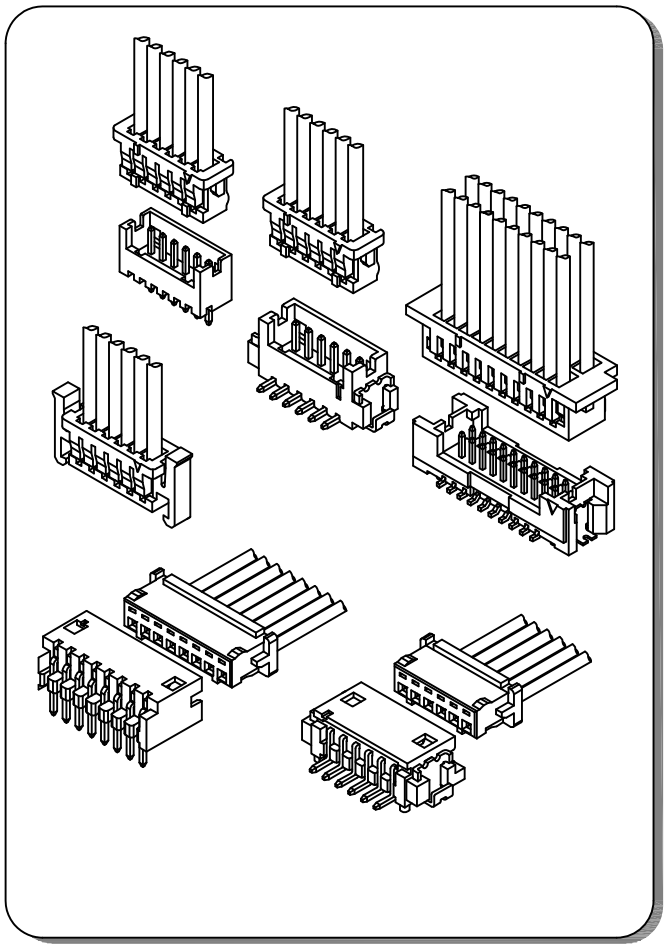
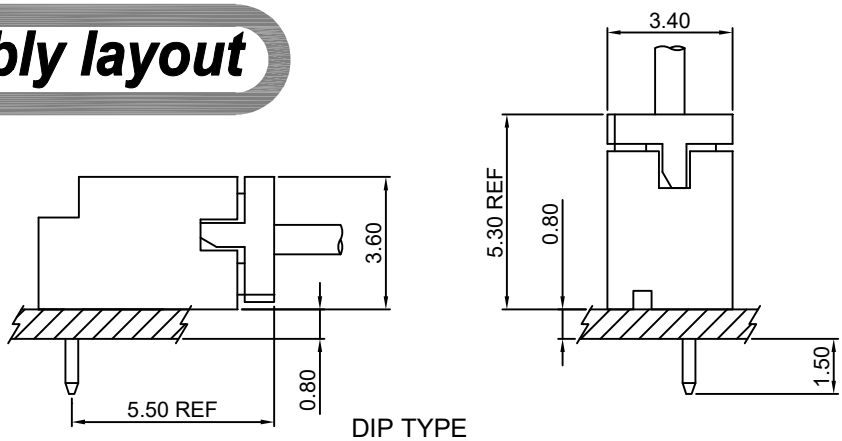
HDGC1252 Series 1.25mm (.049") Pitch Wire to Board Connector



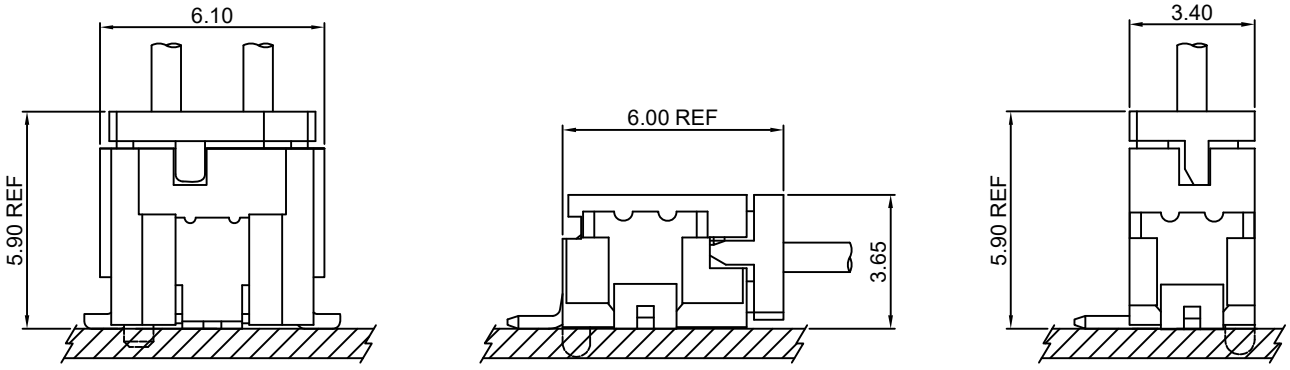
Specifications

Current rating:1A AC,DC
Voltage rating:150V AC,DC
Temperature range:-25°C~+85°C
Contact resistance:30mΩMax.
Insulation resistance:500MΩMin.
Withstanding voltage:500V AC/minute
Compliant with RoHS and REACH
Meet the HF/Halogen Free,need to customize
Contact HDGC for details

Assembly layout



DIP TYPE



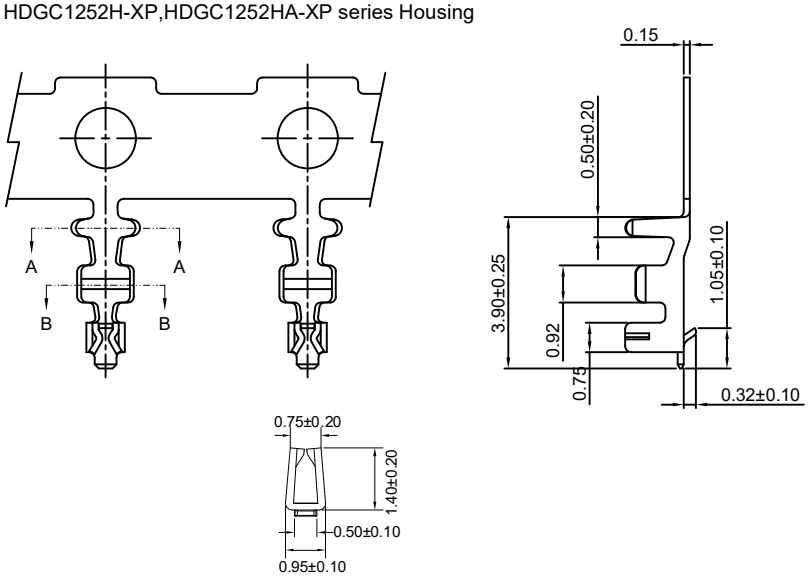
SMT TYPE

HDGC1252 Series 1.25mm (.049") Pitch Wire to Board Connector

HDGC1252-T

1.25mm pitch Crimp Terminal

Reference Informations:
*Used in HDGC1252H-XP,HDGC1252HA-XP series Housing



Ordering information & Specifications:

Unit:mm

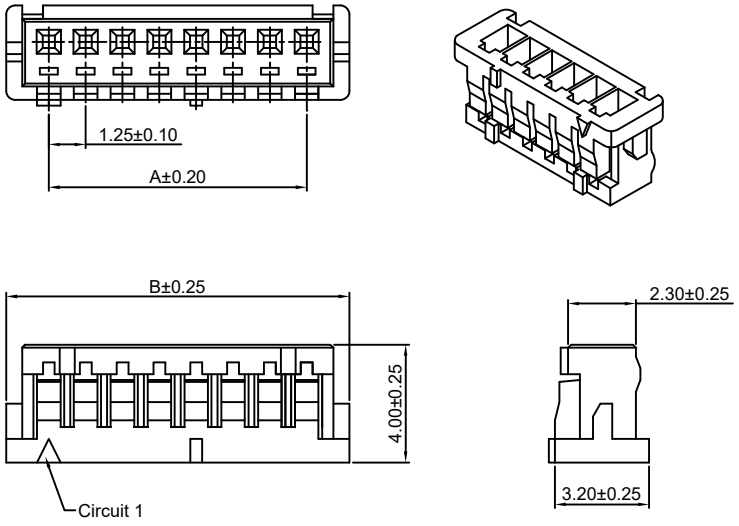
Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
HDGC1252-TP	AWG#28-#32	1.00mm(max)	Phosphor Bronze	Tin over Nickel	20,000 PCS
HDGC1252-GP	AWG#28-#32	1.00mm(max)	Phosphor Bronze	Gold over Nickel	20,000 PCS

Optional Gold plating available but MOQ requested

HDGC1252H-XP

1.25mm pitch Single Row Housing

Reference Informations:
*Material:Nylon 66,UL94V-0
*Suitable HDGC1252-T series Terminal
*Mates with HDGC1252WV,WR,WV-S,WV-S-F,WR-S,WR-S-F-XP series Single Row Wafer
*Color:Gray



Ordering Information:
HDGC1252H-XP - *** (1 - 2)
1.Part No.
2.Material:
(Blank):Nylon 66,UL94V-0
GWT :Nylon 66,UL94V-0 GWT 750℃

Ordering Information & Dimensions:

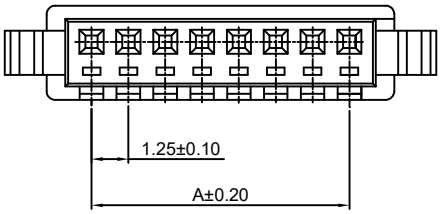
PART NO.	Dimensions	
	A	B
2P	1.25	4.15
3P	2.50	5.40
4P	3.75	6.65
5P	5.00	7.90
6P	6.25	9.15
7P	7.50	10.40
8P	8.75	11.65
9P	10.00	12.90
10P	11.25	14.15
11P	12.50	15.40
12P	13.75	16.65
13P	15.00	17.90
14P	16.25	19.15
15P	17.50	20.40

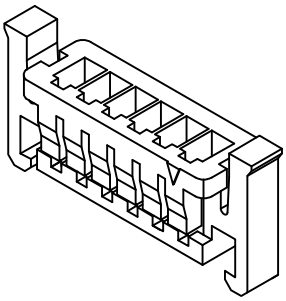
Unit: mm

HDGC1252 Series 1.25mm (.049") Pitch Wire to Board Connector

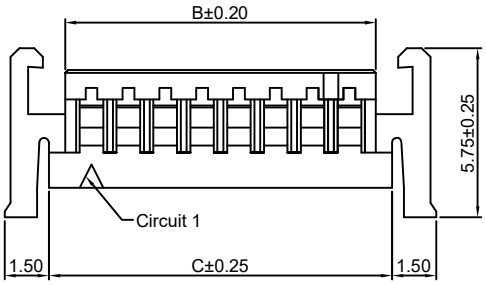
HDGC1252HA-XP — 1.25mm pitch Single Row Housing

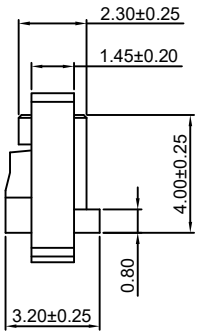
Reference Informations:
*Material:Nylon 66,UL94V-0
*Suitable HDGC1252-T series Terminal
*Color:White





Ordering Information:
HDGC1252HA-XP - ***
1 2
1.Part No.
2.Material:
(Blank):Nylon 66,UL94V-0
GWT :Nylon 66,UL94V-0 GWT 750℃





Ordering Information & Dimensions:

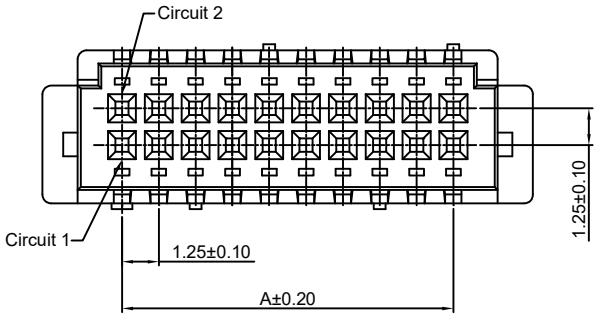
PART NO.	Dimensions		
	A	B	C
2P	1.25	2.90	4.15
3P	2.50	4.15	5.40
4P	3.75	5.40	6.65
5P	5.00	6.65	7.90
6P	6.25	7.90	9.15
7P	7.50	9.15	10.40
8P	8.75	10.40	11.65
9P	10.00	11.65	12.90
10P	11.25	12.90	14.15
11P	12.50	14.15	15.40
12P	13.75	15.40	16.65
13P	15.00	16.65	17.90
14P	16.25	17.90	19.15
15P	17.50	19.15	20.40

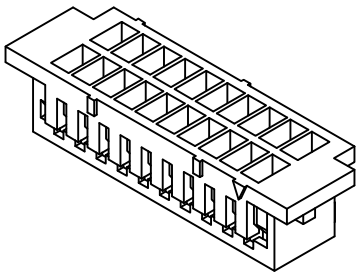
Unit: mm

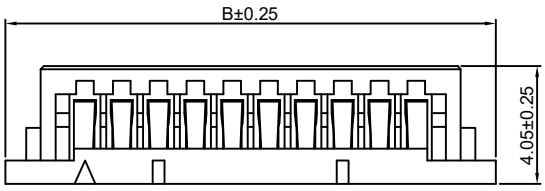
HDGC1252H-2xXP — 1.25mm pitch Dual Row Housing

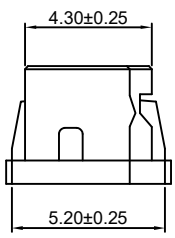
Reference Informations:
*Material:Nylon 66,UL94V-0
*Suitable HDGC1252-T series Terminal
*Mates with HDGC1252WV-S,WV-S-F-2xXP series Dual Row Wafer
*Color:Gray

Ordering Information:
HDGC1252H-2xXP - ***
1 2
1.Part No.
2.Material:
(Blank):Nylon 66,UL94V-0
GWT :Nylon 66,UL94V-0 GWT 750℃









Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2x5P	5.00	10.40
2x7P	7.50	12.90
2x10P	11.25	16.65
2x15P	17.50	22.90
2x20P	23.75	29.15

Unit: mm

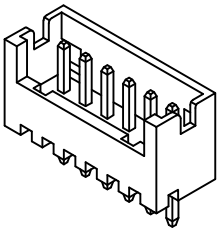
HDGC1252 Series 1.25mm (.049") Pitch Wire to Board Connector

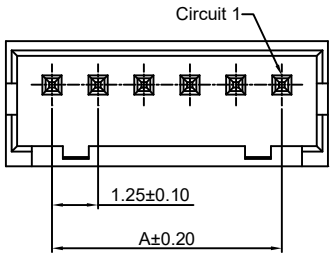
HDGC1252WV-XP

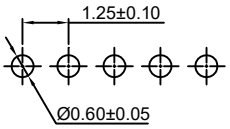
1.25mm pitch 180° Single Row Wafer

Reference Informations:
*Material:Pin:Brass/Tin over Nickel
Insulator:Nylon 66,UL94V-0
*Mates with HDGC1252H-XP series Single Row Housing
*Color:Gray

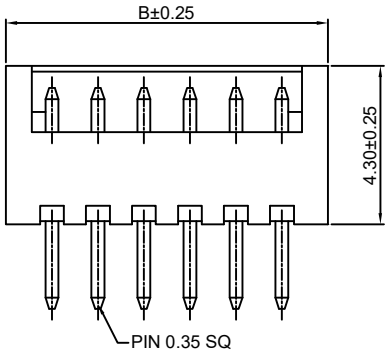
Ordering Information:
HDGC1252WV-XP - *** - **
1 2 3
1.Part No.
2.Material:
(Blank):Nylon 66,UL94V-0
GWT:Nylon 66,UL94V-0,GWT 750℃
3.Finish:
(Blank):Tin over Nickel
G:Gold over Nickel

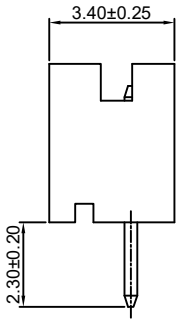






P.C.B LAYOUT





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	1.25	3.75
3P	2.50	5.00
4P	3.75	6.25
5P	5.00	7.50
6P	6.25	8.75
7P	7.50	10.00
8P	8.75	11.25
9P	10.00	12.50
10P	11.25	13.75
11P	12.50	15.00
12P	13.75	16.25
13P	15.00	17.50
14P	16.25	18.75
15P	17.50	20.00

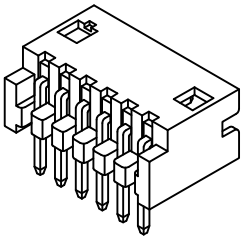
Unit: mm

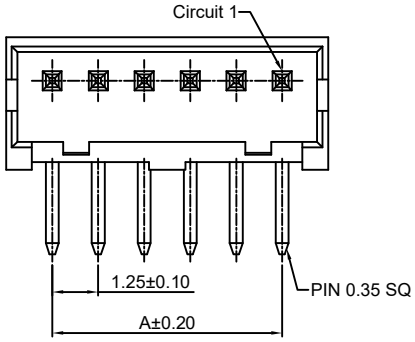
HDGC1252WR-XP

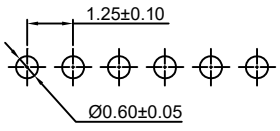
1.25mm pitch 90° Single Row Wafer

Reference Informations:
*Material:Pin:Brass/Tin over Nickel
Insulator:Nylon 66,UL94V-0
*Mates with HDGC1252H-XP series Single Row Housing
*Color:Gray

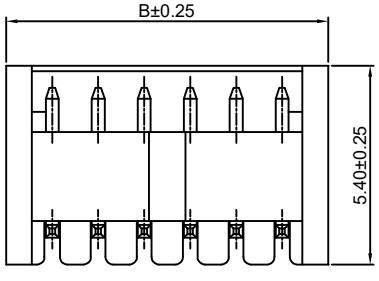
Ordering Information:
HDGC1252WR-XP - *** - **
1 2 3
1.Part No.
2.Material:
(Blank):Nylon 66,UL94V-0
GWT:Nylon 66,UL94V-0 GWT 750℃
3.Finish:
(Blank):Tin over Nickel
G:Gold over Nickel

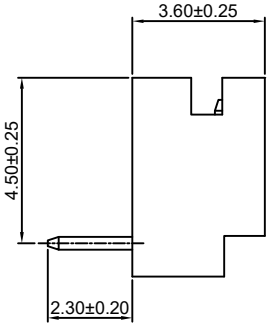






P.C.B LAYOUT





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	1.25	3.75
3P	2.50	5.00
4P	3.75	6.25
5P	5.00	7.50
6P	6.25	8.75
7P	7.50	10.00
8P	8.75	11.25
9P	10.00	12.50
10P	11.25	13.75
11P	12.50	15.00
12P	13.75	16.25
13P	15.00	17.50
14P	16.25	18.75
15P	17.50	20.00

Unit: mm

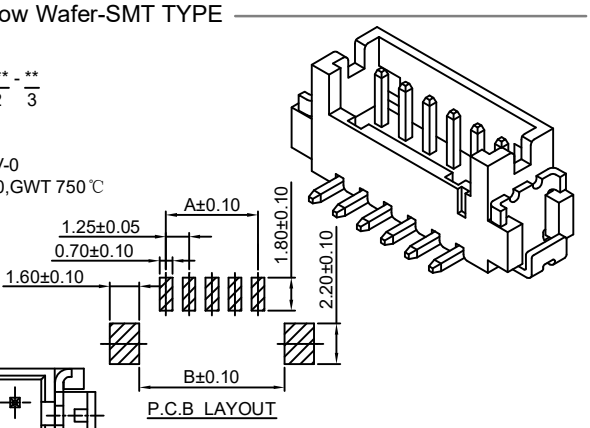
HDGC1252 Series 1.25mm (.049") Pitch Wire to Board Connector

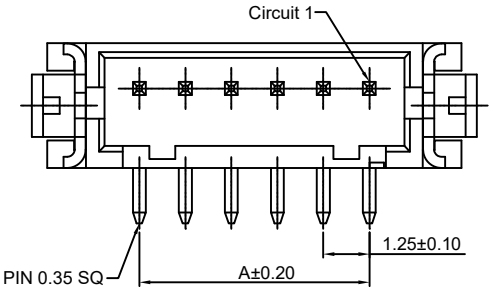
HDGC1252WV-S-XP

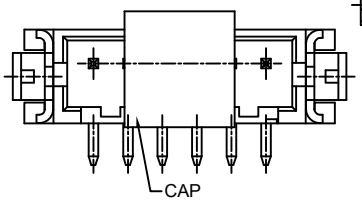
1.25mm pitch 180° Single Row Wafer-SMT TYPE

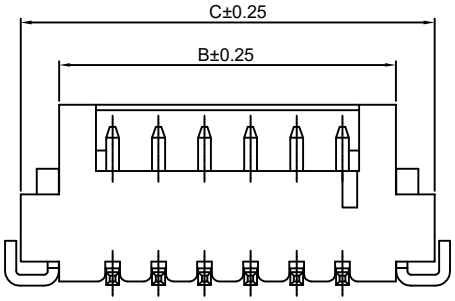
Reference Informations:
*Material:Pin:Brass/Tin over Nickel
Insulator:Nylon 6T,UL94V-0
Cap:Nylon 6T,UL94V-0
*Mates with HDGC1252H-XP series Single Row Housing
*Color:Ivory

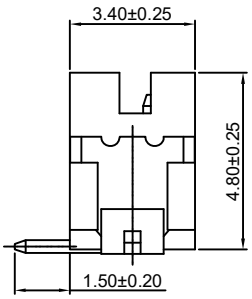
Ordering Information:
HDGC1252WV-S-XP - *** - **
1 2 3
1.Part No.
2.Material:
(Blank):Nylon 6T,UL94V-0
GWT:Nylon 6T,UL94V-0,GWT 750℃
3.Finish:
(Blank):Tin over Nickel
G:Gold over Nickel











Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
2P	1.25	4.15	6.25
3P	2.50	5.40	7.50
4P	3.75	6.65	8.75
5P	5.00	7.90	10.00
6P	6.25	9.15	11.25
7P	7.50	10.40	12.50
8P	8.75	11.65	13.75
9P	10.00	12.90	15.00
10P	11.25	14.15	16.25
11P	12.50	15.40	17.50
12P	13.75	16.65	18.75
13P	15.00	17.90	20.00
14P	16.25	19.15	21.25
15P	17.50	20.40	22.50

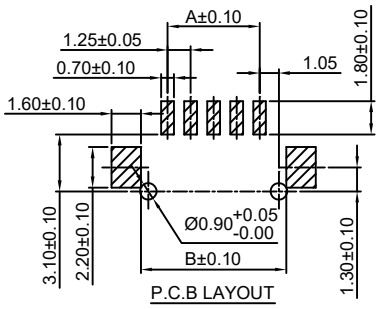
Unit: mm

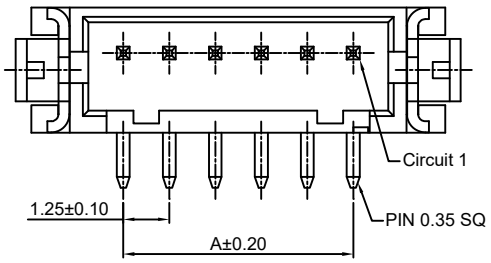
HDGC1252WV-S-F-XP

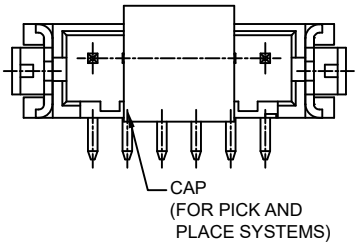
1.25mm pitch 180° Single Row Wafer-SMT TYPE

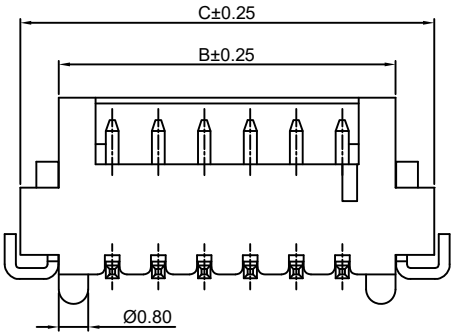
Reference Informations:
*Material:Pin:Brass/Tin over Nickel
Solder Tabs:Phosphor Bronze/Tin over Nickel
Insulator:Nylon 6T,UL94V-0
Cap:Nylon 6T,UL94V-0
*Mates with HDGC1252H-XP series Single Row Housing
*Color:Ivory

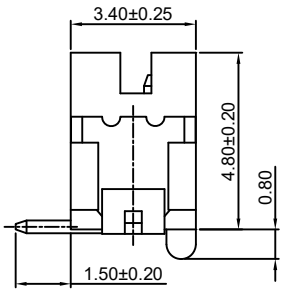
Ordering Information:
HDGC1252WV-S-F-XP - *** - **
1 2 3
1.Part No.
2.Material:
(Blank):Nylon 6T,UL94V-0
GWT:Nylon 6T,UL94V-0,GWT 750℃
3.Finish:
(Blank):Tin over Nickel
G:Gold over Nickel











Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
2P	1.25	4.15	6.25
3P	2.50	5.40	7.50
4P	3.75	6.65	8.75
5P	5.00	7.90	10.00
6P	6.25	9.15	11.25
7P	7.50	10.40	12.50
8P	8.75	11.65	13.75
9P	10.00	12.90	15.00
10P	11.25	14.15	16.25
11P	12.50	15.40	17.50
12P	13.75	16.65	18.75
13P	15.00	17.90	20.00
14P	16.25	19.15	21.25
15P	17.50	20.40	22.50

Unit: mm

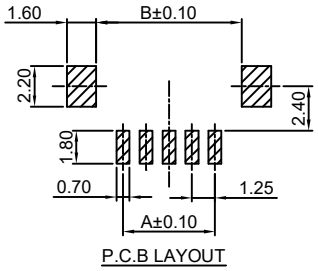
HDGC1252 Series 1.25mm (.049") Pitch Wire to Board Connector

HDGC1252WR-S-XP

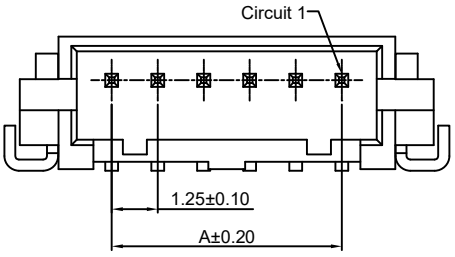
1.25mm pitch 90° Single Row Wafer-SMT TYPE

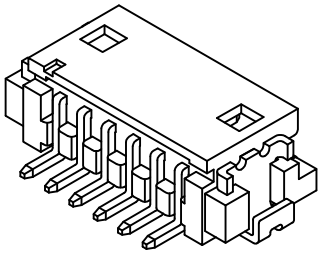
Reference Informations:
*Material:Pin:Brass/Tin over Nickel
Solder Tabs:Phosphor Bronze/Tin over Nickel
Insulator:Nylon 6T,UL94V-0
*Mates with HDGC1252H-XP series Single Row Housing
*Color:Ivory

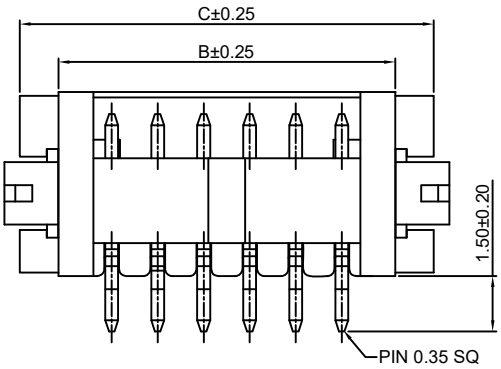
Ordering Information:
HDGC1252WR-S-XP - *** - **
1 2 3
1.Part No.
2.Material:
(Blank):Nylon 6T,UL94V-0
GWT:Nylon 6T,UL94V-0 GWT 750℃
3.Finish:
(Blank):Tin over Nickel
G:Gold over Nickel

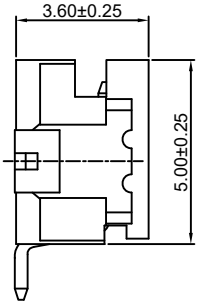


P.C.B LAYOUT









Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
2P	1.25	4.15	6.25
3P	2.50	5.40	7.50
4P	3.75	6.65	8.75
5P	5.00	7.90	10.00
6P	6.25	9.15	11.25
7P	7.50	10.40	12.50
8P	8.75	11.65	13.75
9P	10.00	12.90	15.00
10P	11.25	14.15	16.25
11P	12.50	15.40	17.50
12P	13.75	16.65	18.75
13P	15.00	17.90	20.00
14P	16.25	19.15	21.25
15P	17.50	20.40	22.50

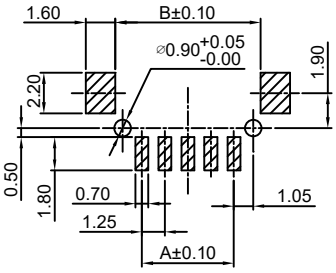
Unit: mm

HDGC1252WR-S-F-XP

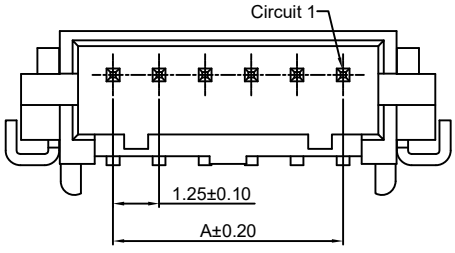
1.25mm pitch 90° Single Row Wafer-SMT TYPE

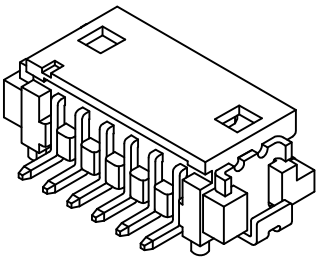
Reference Informations:
*Material:Pin:Brass/Tin over Nickel
Solder Tabs:Phosphor Bronze/Tin over Nickel
Insulator:Nylon 6T,UL94V-0
*Mates with HDGC1252H-XP series Single Row Housing
*Color:Ivory

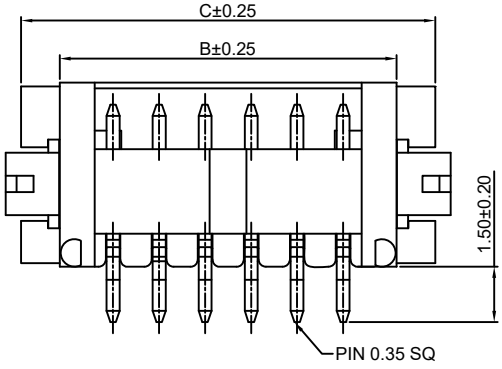
Ordering Information:
HDGC1252WR-S-F-XP - *** - **
1 2 3
1.Part No.
2.Material:
(Blank):Nylon 6T,UL94V-0
GWT:Nylon 6T,UL94V-0 GWT 750℃
3.Finish:
(Blank):Tin over Nickel
G:Gold over Nickel

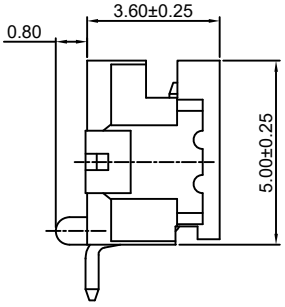


P.C.B LAYOUT









Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
2P	1.25	4.15	6.25
3P	2.50	5.40	7.50
4P	3.75	6.65	8.75
5P	5.00	7.90	10.00
6P	6.25	9.15	11.25
7P	7.50	10.40	12.50
8P	8.75	11.65	13.75
9P	10.00	12.90	15.00
10P	11.25	14.15	16.25
11P	12.50	15.40	17.50
12P	13.75	16.65	18.75
13P	15.00	17.90	20.00
14P	16.25	19.15	21.25
15P	17.50	20.40	22.50

Unit: mm

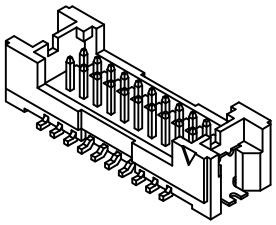
HDGC1252 Series 1.25mm (.049") Pitch Wire to Board Connector

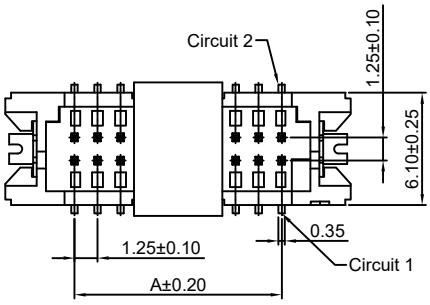
HDGC1252WV-S-2xXP

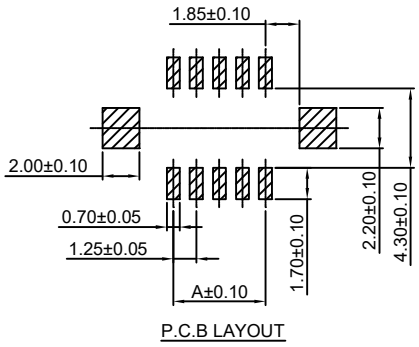
1.25mm pitch 180° Dual Row Wafer-SMT TYPE

Reference Informations:

*Material:Pin:Brass/Tin over Nickel
Solder Tabs:Phosphor Bronze/Tin over Nickel
Insulator:Nylon 6T,UL94V-0
Cap:Nylon 6T,UL94V-0
*Mates with HDGC1252H-2xXP series Dual Row Housing
*Color:Ivory



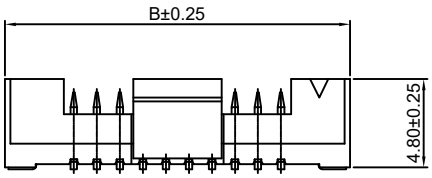


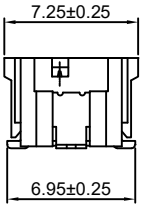


P.C.B LAYOUT

Ordering Information:
HDGC1252WV-S-2xXP - *** - **
1 2 3

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





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2x5P	5.00	12.50
2x7P	7.50	15.00
2x10P	11.25	18.75
2x15P	17.50	25.00
2x20P	23.75	31.25

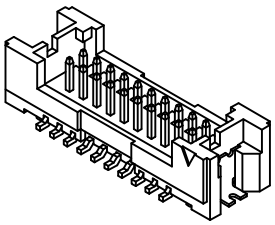
Unit: mm

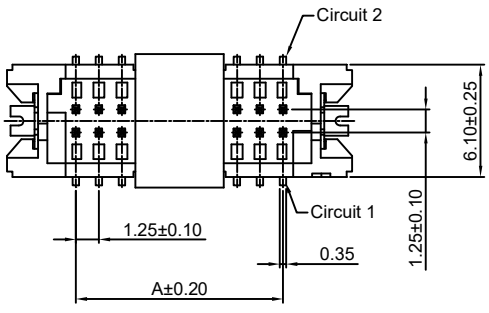
HDGC1252WV-S-F-2xXP

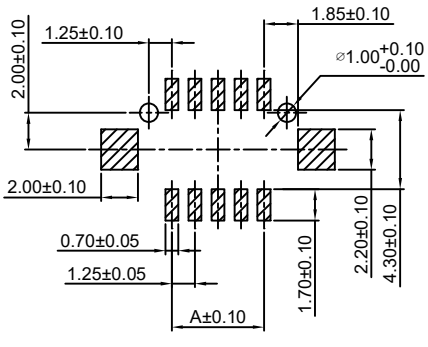
1.25mm pitch 180° Dual Row Wafer-SMT TYPE

Reference Informations:

*Material:Pin:Brass/Tin over Nickel
Solder Tabs:Phosphor Bronze/Tin over Nickel
Insulator:Nylon 6T,UL94V-0
Cap:Nylon 6T,UL94V-0
*Mates with HDGC1252H-2xXP series Dual Row Housing
*Color:Ivory



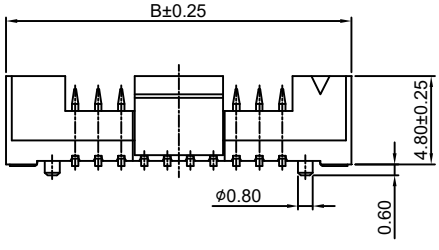


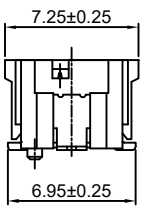


P.C.B LAYOUT

Ordering Information:
HDGC1252WV-S-F-2xXP - *** - **
1 2 3

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





Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2x5P	5.00	12.50
2x7P	7.50	15.00
2x10P	11.25	18.75
2x15P	17.50	25.00
2x20P	23.75	31.25

Unit: mm