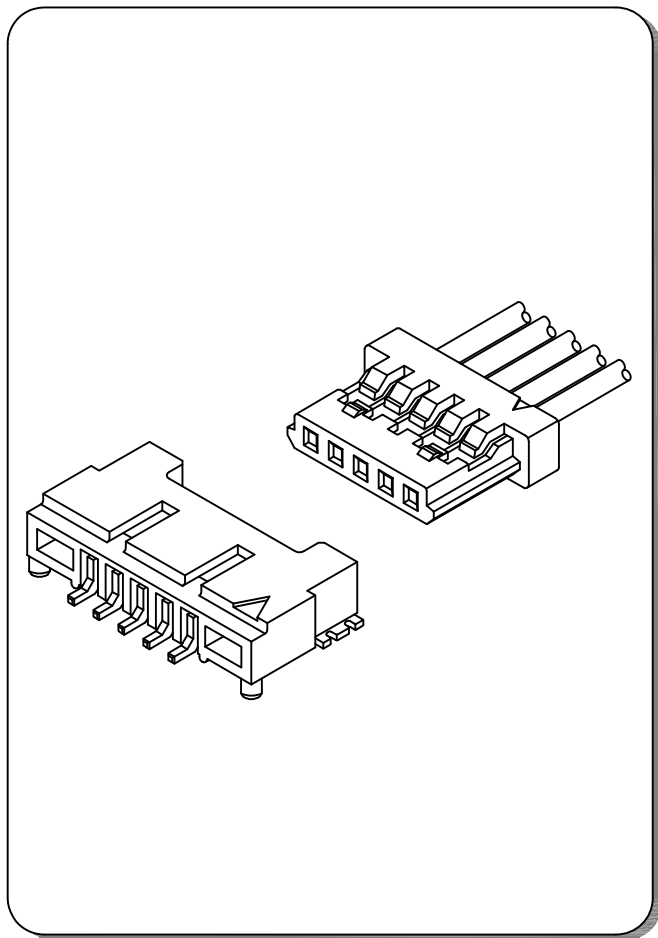
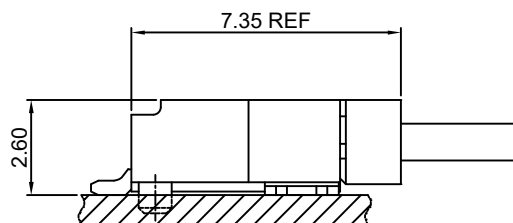
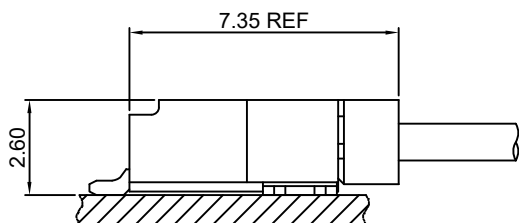




Specifications

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





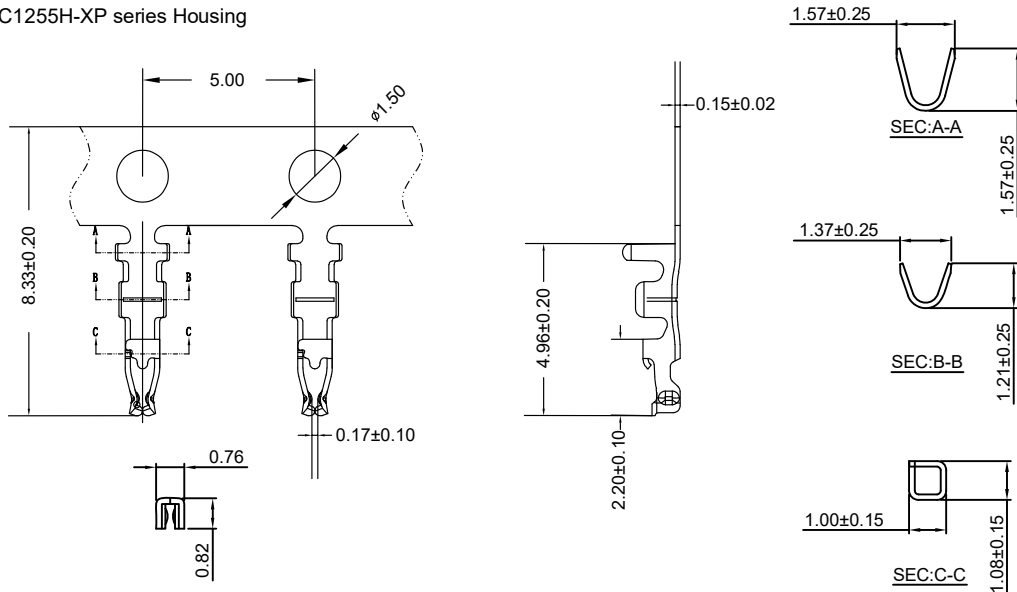
HDGC1255 Series 1.25mm (.049") Pitch Wire to Board Connector

HDGC1255-T

1.25mm pitch Crimp Terminal

Reference Informations:

*Used in HDGC1255H-XP series Housing



Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
HDGC1255-TP	AWG#26-#32	1.00mm(max)	Phosphor Bronze	Tin over Nickel	17,000 PCS
HDGC1255-GP	AWG#26-#32	1.00mm(max)	Phosphor Bronze	Gold over Nickel	17,000 PCS

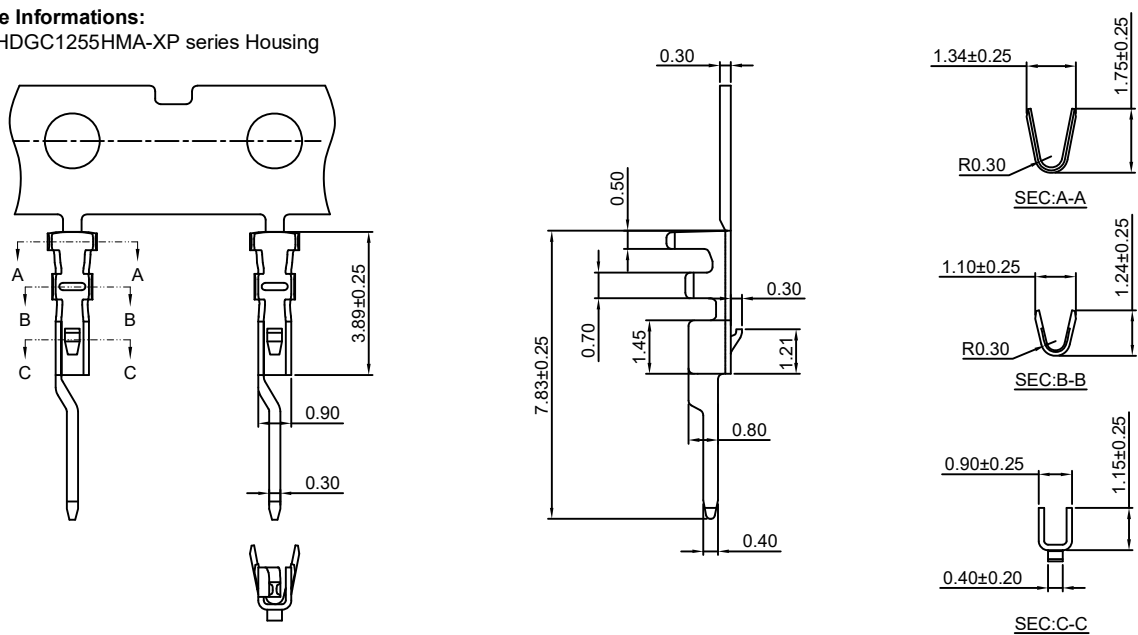
Optional Gold plating available but MOQ requested

HDGC1255MA-T

1.25mm pitch Crimp Terminal

Reference Informations:

*Used in HDGC1255HMA-XP series Housing



Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
HDGC1255MA-TP	AWG#28-#32	0.90mm(max)	Phosphor Bronze	Tin over Nickel	15,000 PCS
HDGC1255MA-GP	AWG#28-#32	0.90mm(max)	Phosphor Bronze	Gold over Nickel	15,000 PCS

Optional Gold plating available but MOQ requested



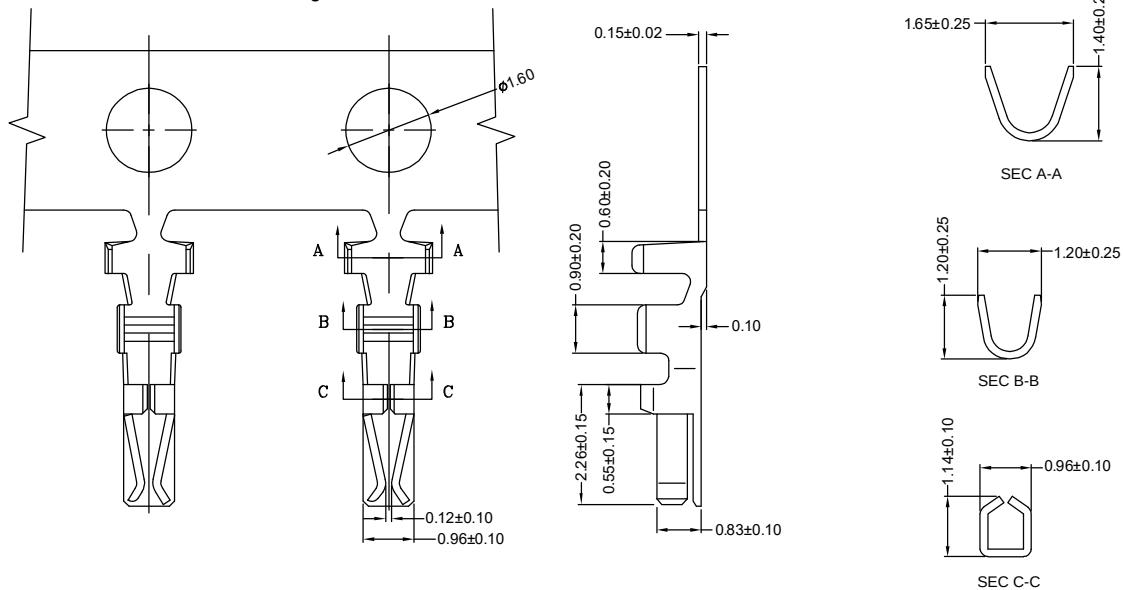
HDGC1255 Series 1.25mm (.049") Pitch Wire to Board Connector

HDGC1255-T-B

1.25mm pitch Crimp Terminal

Reference Informations:

*Used in HDGC1255HA-XP series Housing



Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
HDGC1255-TP-B	AWG#26-#32	1.00mm(max)	Phosphor Bronze	Tin over Nickel	20,000 PCS
HDGC1255-GP-B	AWG#26-#32	1.00mm(max)	Phosphor Bronze	Gold over Nickel	20,000 PCS

Optional Gold plating available but MOQ requested



HDGC1255 Series 1.25mm (.049") Pitch Wire to Board Connector

HDGC1255H-XP

1.25mm pitch Housing

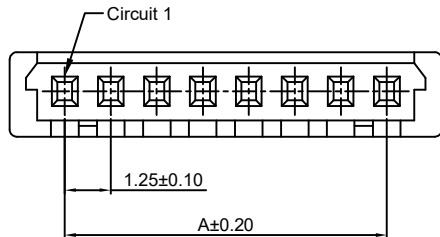
Reference Informations:

*Material: Nylon 66, UL94V-0

*Suitable HDGC1255-T series Terminal

*Mates with HDGC1255WR-S, WR-S-F-XP series Wafer

*Color: Gray



Ordering Information:

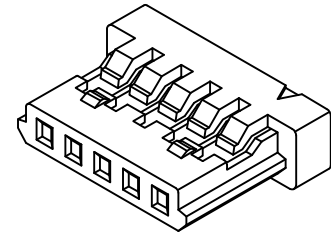
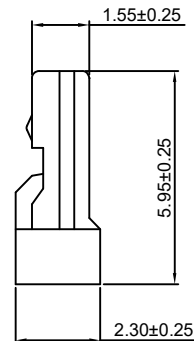
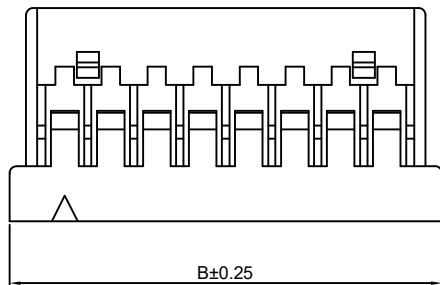
HDGC1255H-XP - ***
1 2

1. Part No.

2. Material:

(Blank): Nylon 66, UL94V-0

GWT: Nylon 66, UL94V-0, GWT 750 °C



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	1.25	4.25
3P	2.50	5.50
4P	3.75	6.75
5P	5.00	8.00
6P	6.25	9.25
7P	7.50	10.50
8P	8.75	11.75
9P	10.00	13.00
10P	11.25	14.25
11P	12.50	15.50
12P	13.75	16.75
13P	15.00	18.00
14P	16.25	19.25
15P	17.50	20.50
20P	23.75	26.75
25P	30.00	33.00
30P	36.25	39.25

Unit: mm

HDGC1255HA-XP

1.25mm pitch Housing

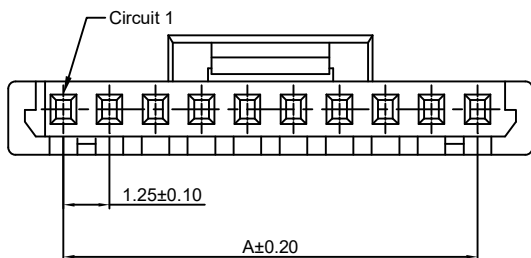
Reference Informations:

*Material: Nylon 66, UL94V-0

*Suitable HDGC1256-T series Terminal

*Mates with HDGC1255HMA-XP series Housing or
HDGC1255WVA-S, WRA-S-XP series Wafer

*Color: White



Ordering Information:

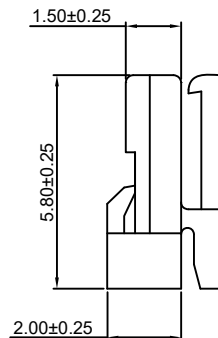
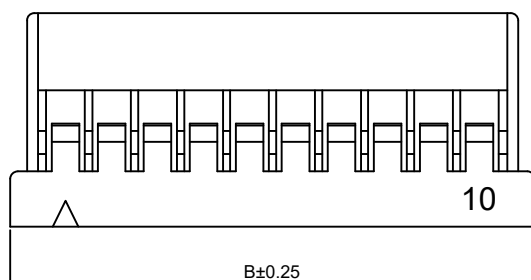
HDGC1255HA-XP - ***
1 2

1. Part No.

2. Material:

(Blank): Nylon 66, UL94V-0

GWT: Nylon 66, UL94V-0, GWT 750 °C



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	1.25	4.40
3P	2.50	5.65
4P	3.75	6.90
5P	5.00	8.15
6P	6.25	9.40
7P	7.50	10.65
8P	8.75	11.90
9P	10.00	13.15
10P	11.25	14.40
11P	12.50	15.65
12P	13.75	16.90
13P	15.00	18.15
14P	16.25	19.40
15P	17.50	20.65
20P	23.75	26.90
25P	30.00	33.15
30P	36.25	39.40

Unit: mm



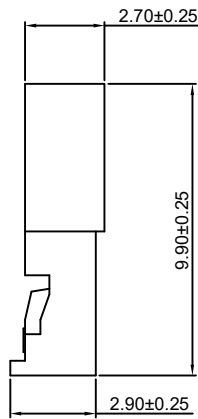
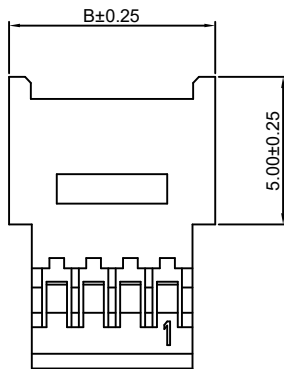
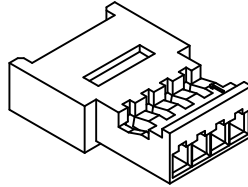
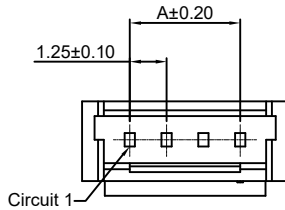
HDGC1255 Series 1.25mm (.049") Pitch Wire to Board Connector

HDGC1255HMA-XP

1.25mm pitch Housing

Reference Informations:

- *Material: Nylon 66, UL94V-0
- *Suitable HDGC1255MA-T series Terminal
- *Mates with HDGC1255HA-XP series Housing
- *Color: White



Ordering Information:

HDGC1255HMA-XP - ***
1 2

1. Part No.

2. Material:

(Blank): Nylon 66, UL94V-0

GWT: Nylon 66, UL94V-0, GWT 750 °C

Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	1.25	4.50
3P	2.50	5.75
4P	3.75	7.00
5P	5.00	8.25
6P	6.25	9.50
7P	7.50	10.75
8P	8.75	12.00
9P	10.00	13.25
10P	11.25	14.50
11P	12.50	15.75
12P	13.75	17.00
13P	15.00	18.25
14P	16.25	19.50
15P	17.50	20.75
20P	23.75	22.00
25P	30.00	33.25

Unit: mm

HDGC1255WR-S-XP

1.25mm pitch 90° Wafer Without Boss -SMT TYPE

Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
- Solder Tabs: Brass/Tin over Nickel
- Insulator: Nylon 9T, UL94V-0
- *Mates with HDGC1255H-XP series Housing
- *Color: Ivory

Ordering Information:

HDGC1255WR-S-XP - *** - **
1 2 3

1. Part No.

2. Material:

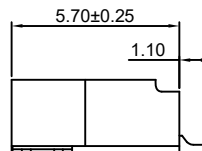
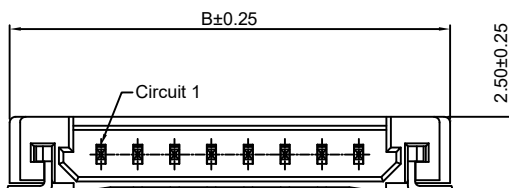
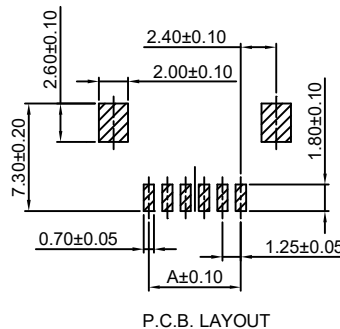
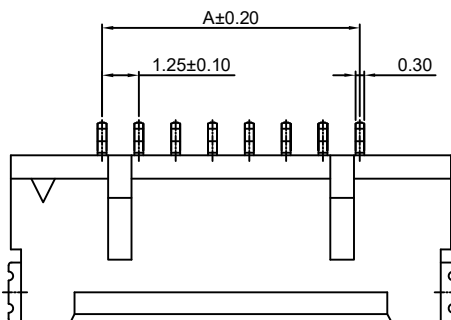
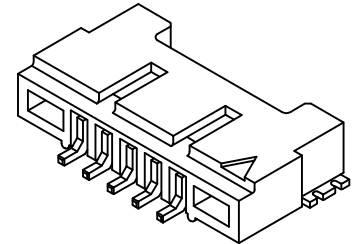
(Blank): Nylon 9T, UL94V-0

GWT: Nylon 9T, UL94V-0, GWT 750 °C

3. Finish:

(Blank): Tin over Nickel

G: Gold over Nickel



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	1.25	7.45
3P	2.50	8.70
4P	3.75	9.95
5P	5.00	11.20
6P	6.25	12.45
7P	7.50	13.70
8P	8.75	14.95
9P	10.00	16.20
10P	11.25	17.45
11P	12.50	18.70
12P	13.75	19.95
13P	15.00	21.20
14P	16.25	22.45
15P	17.50	23.70
20P	23.75	29.95
25P	30.00	36.20
30P	36.25	42.45

Unit: mm



HDGC1255 Series 1.25mm (.049") Pitch Wire to Board Connector

HDGC1255WR-S-F-XP

1.25mm pitch 90° Wafer With Boss-SMT TYPE

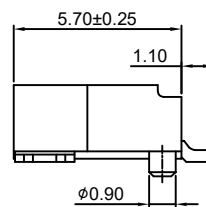
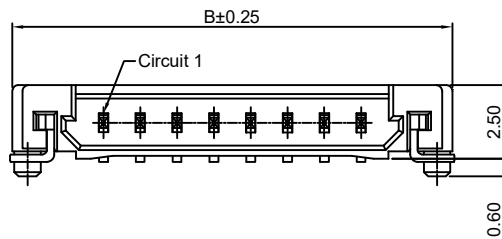
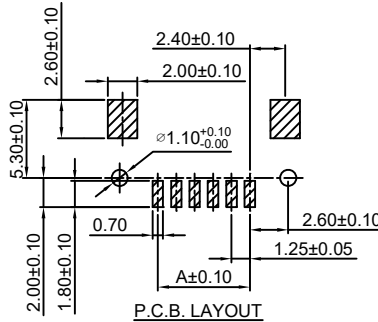
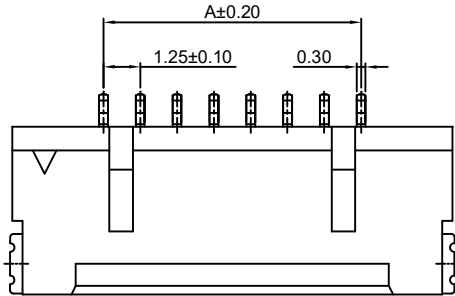
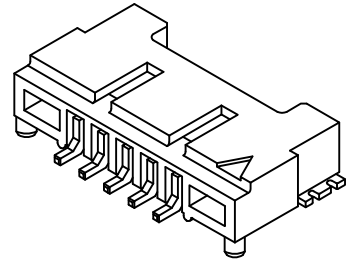
Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Solder Tabs: Brass/Tin over Nickel
Insulator: Nylon 9T, UL94V-0
- *Mates with HDGC1255H-XP series Housing
- *Color: Ivory

Ordering Information:

HDGC1255WR-S-F-XP - *** - **
1 2 3

1. Part No.
2. Material:
(Blank): Nylon 9T, UL94V-0
GWT: Nylon 9T, UL94V-0, GWT 750 °C
3. Finish:
(Blank): Tin over Nickel
G: Gold over Nickel



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	1.25	7.45
3P	2.50	8.70
4P	3.75	9.95
5P	5.00	11.20
6P	6.25	12.45
7P	7.50	13.70
8P	8.75	14.95
9P	10.00	16.20
10P	11.25	17.45
11P	12.50	18.70
12P	13.75	19.95
13P	15.00	21.20
14P	16.25	22.45
15P	17.50	23.70
20P	23.75	29.95
25P	30.00	36.20
30P	36.25	42.45

Unit: mm

HDGC1255WVA-S-XP

1.25mm pitch 180° Wafer Without Boss -SMT TYPE

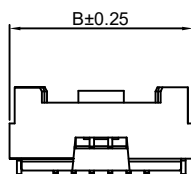
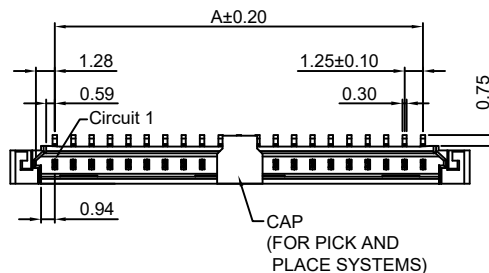
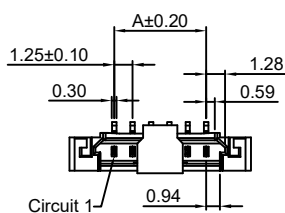
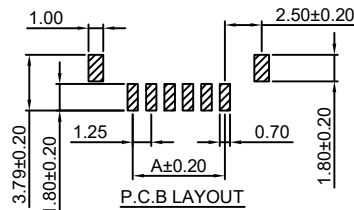
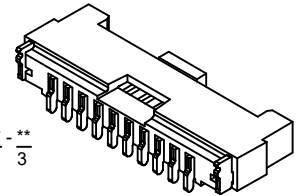
Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Solder Tabs: Brass/Tin over Nickel
Insulator: Nylon 6T, UL94V-0
- *Mates with HDGC1255HA-XP series Housing
- *Color: Beige

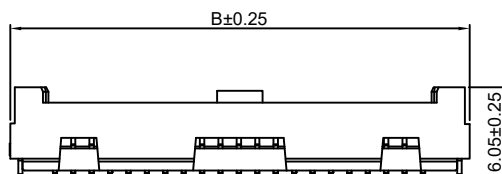
Ordering Information:

HDGC1255WVA-S-XP - *** - **
1 2 3

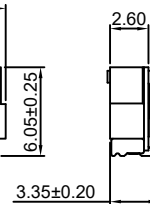
1. Part No.
2. Material:
(Blank): Nylon 6T, UL94V-0
GWT: Nylon 6T, UL94V-0, GWT 750 °C
3. Finish:
(Blank): Tin over Nickel
G: Gold over Nickel



2P~15P, 20P



25P, 30P



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	1.25	7.45
3P	2.50	8.70
4P	3.75	9.95
5P	5.00	11.20
6P	6.25	12.45
7P	7.50	13.70
8P	8.75	14.95
9P	10.00	16.20
10P	11.25	17.45
11P	12.50	18.70
12P	13.75	19.95
13P	15.00	21.20
14P	16.25	22.45
15P	17.50	23.70
20P	23.75	29.95
25P	30.00	36.20
30P	36.25	42.45

Unit: mm



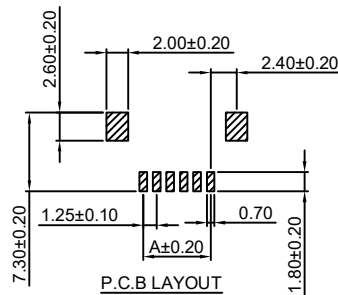
HDGC1255 Series 1.25mm (.049") Pitch Wire to Board Connector

HDGC1255WRA-S-XP

1.25mm pitch 90° Wafer Without Boss -SMT TYPE

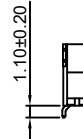
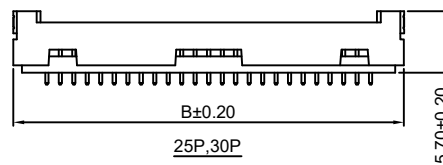
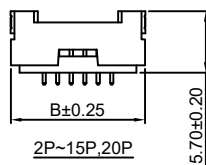
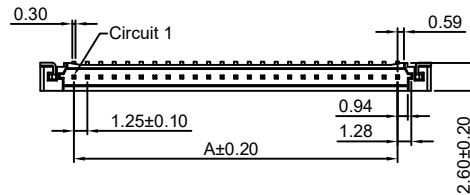
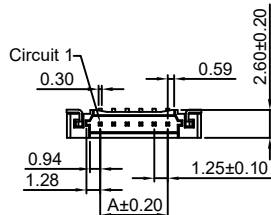
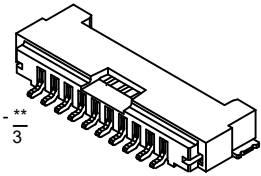
Reference Informations:

- *Material:Pin:Brass/Tin over Nickel
Solder Tabs:Brass/Tin over Nickel
Insulator:Nylon 6T,UL94V-0
- *Mates with HDGC1255HA-XP series Housing
- *Color:Beige



Ordering Information:

- HDGC1255WRA-S-XP - *** - **
- 1.Part No.
2.Material:
(Blank):Nylon 6T,UL94V-0
GWT:Nylon 6T,UL94V-0,GWT 750°C
3.Finish:
(Blank):Tin over Nickel
G:Gold over Nickel



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	1.25	7.45
3P	2.50	8.70
4P	3.75	9.95
5P	5.00	11.20
6P	6.25	12.45
7P	7.50	13.70
8P	8.75	14.95
9P	10.00	16.20
10P	11.25	17.45
11P	12.50	18.70
12P	13.75	19.95
13P	15.00	21.20
14P	16.25	22.45
15P	17.50	23.70
20P	23.75	29.95
25P	30.00	36.20
30P	36.25	42.45

Unit: mm