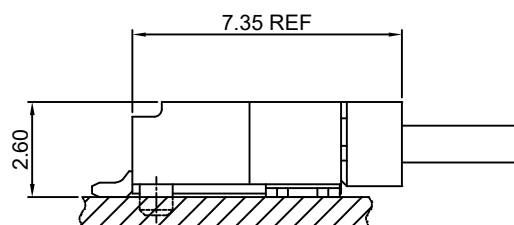
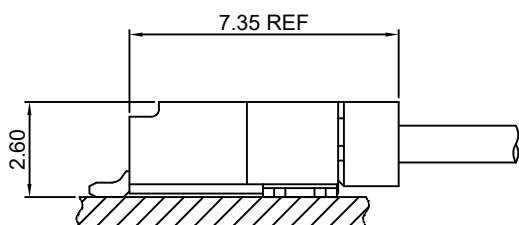


Specifications

- 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





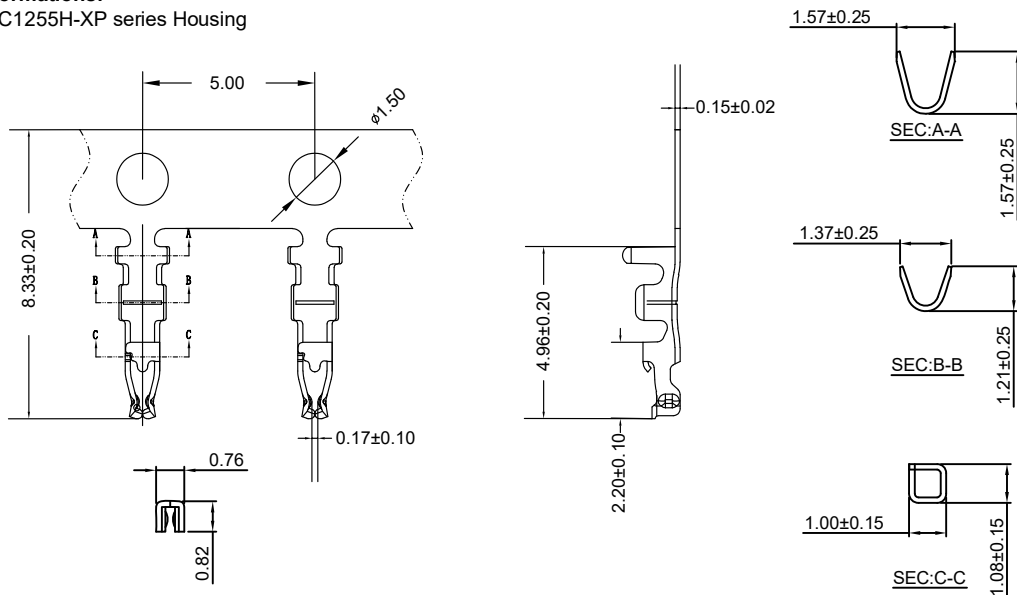
HDGC1255 Series 1.25mm (.049") Pitch Wire to Board Connector

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

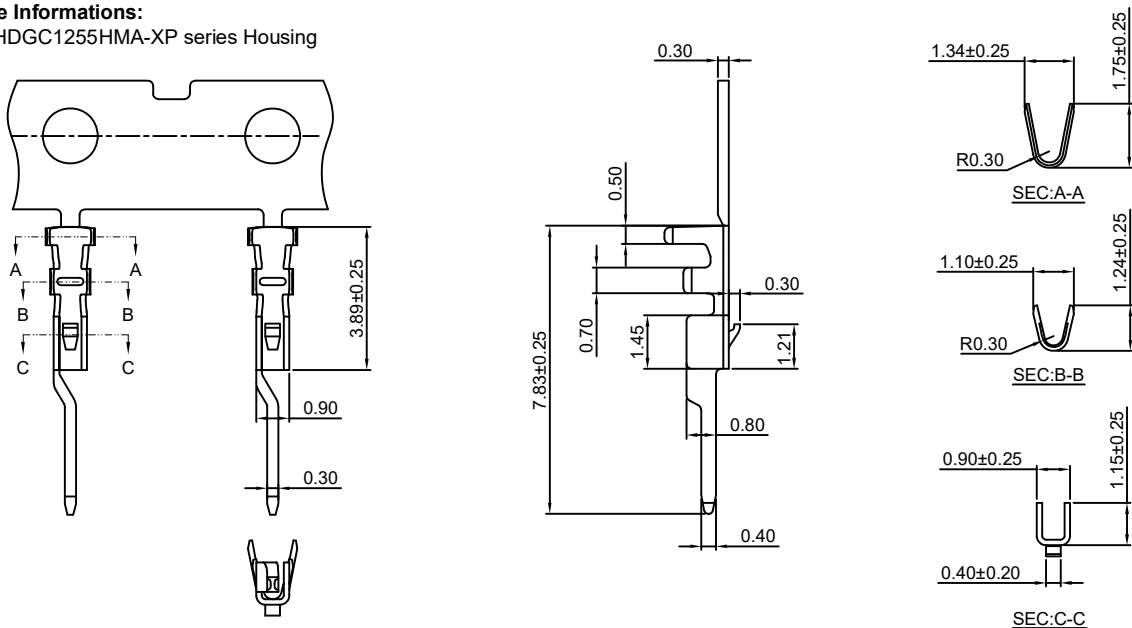
Optional Gold plating available but MOQ requested

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



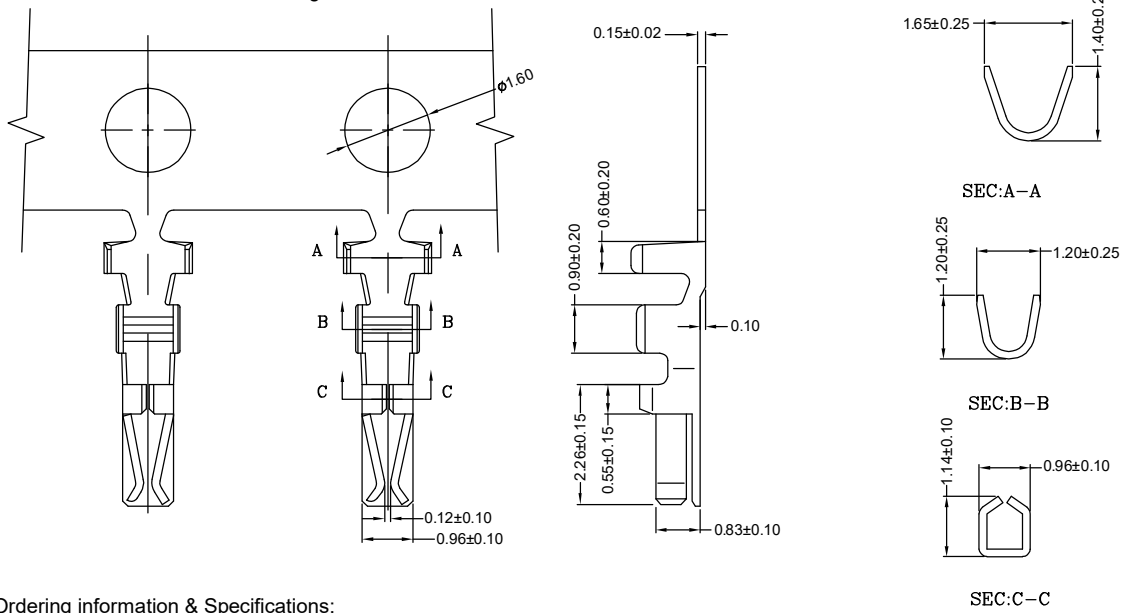
HDGC1255 Series 1.25mm (.049") Pitch Wire to Board Connector

HDGC1255-T-B

1.25mm pitch Crimp Terminal

Reference Informations:

*Used in HDGC1255HA-XP series Housing



Ordering information & Specifications:

SEC:C-C

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



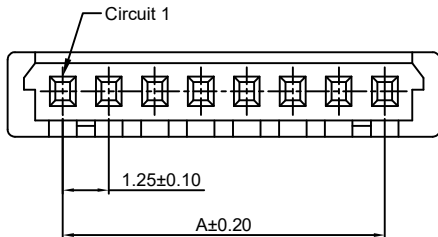
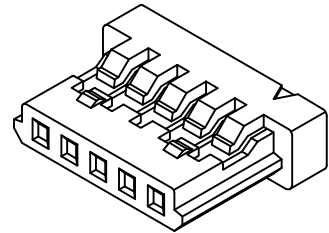
HDGC1255 Series 1.25mm (.049") Pitch Wire to Board Connector

HDGC1255H-XP

1.25mm pitch Housing

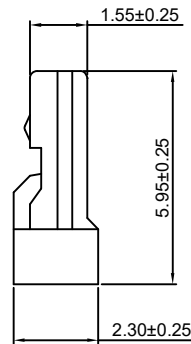
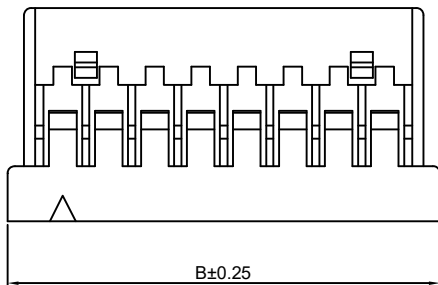
Reference Informations:

- *Material:Nylon 66,UL94V-0
- *Suitble 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

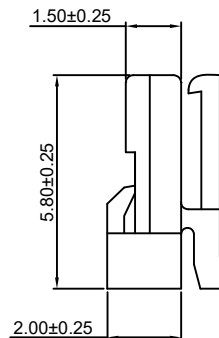
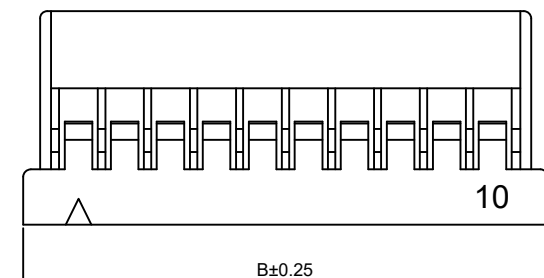
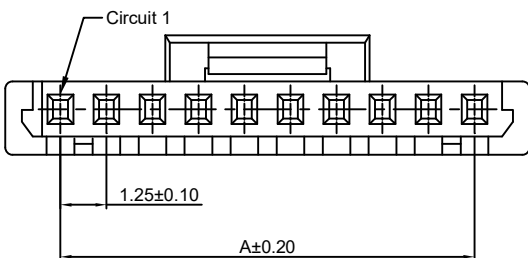
1.25mm pitch Housing

Reference Informations:

- *Material:Nylon 66,UL94V-0
- *Suitble 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



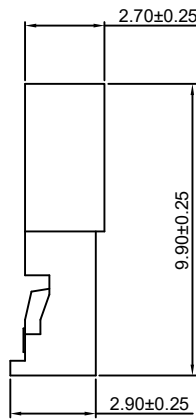
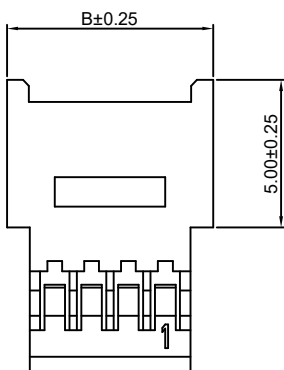
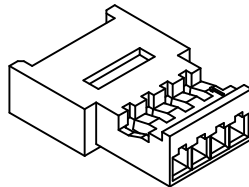
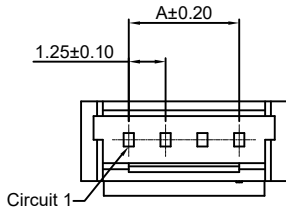
HDGC1255 Series 1.25mm (.049") Pitch Wire to Board Connector

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

- Part No.
- 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

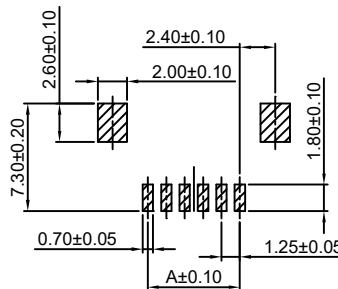
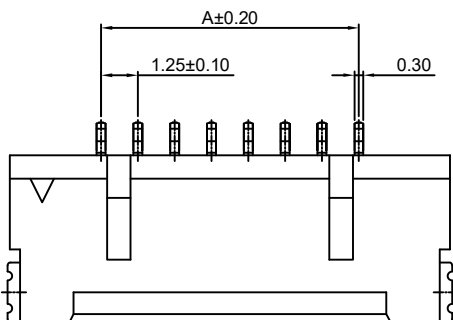
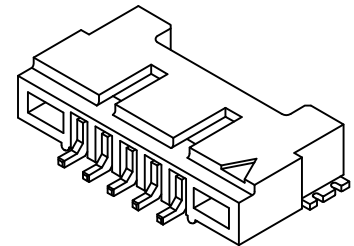
Reference Informations:

- *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

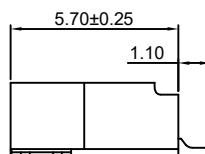
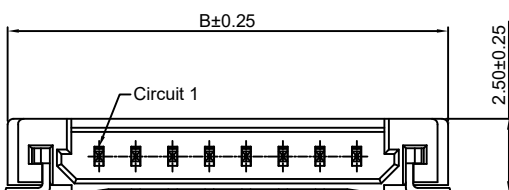
Ordering Information:

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

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



P.C.B. LAYOUT



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

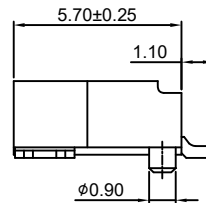
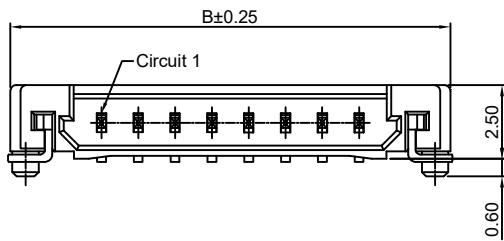
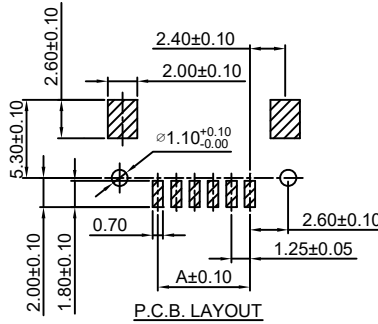
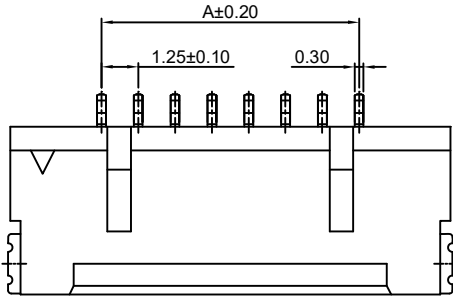
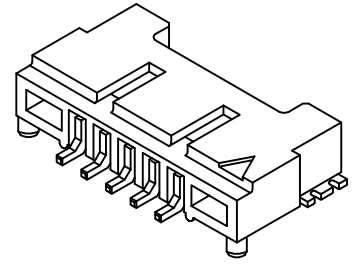
Reference Informations:

- *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

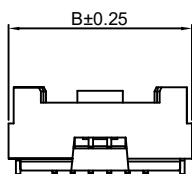
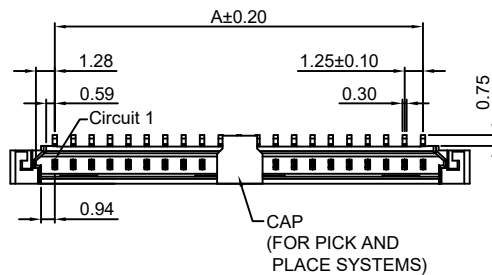
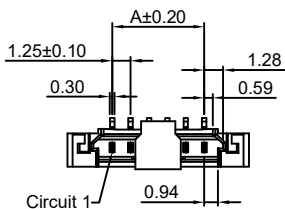
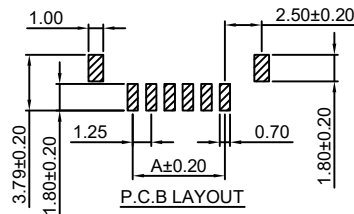
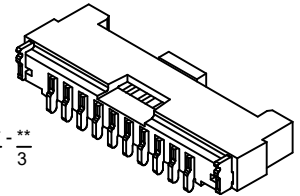
Reference Informations:

- *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

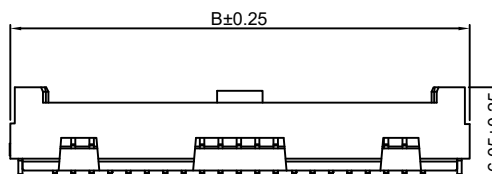
Ordering Information:

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

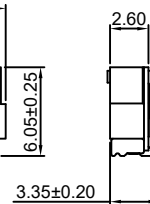
1. Part No.
2. Material:
(Blank): Nylon 6T, UL94V-0
GWT: Nylon 6T, UL94V-0, GWT 750 °C
3. Finish:
(Blank): Tin over Nickel
G: Gold over Nickel



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



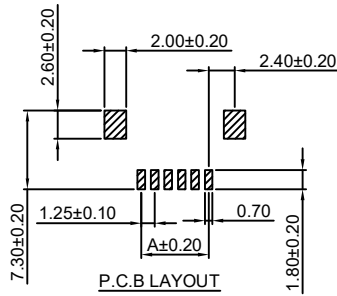
HDGC1255 Series 1.25mm (.049") Pitch Wire to Board Connector

HDGC1255WRA-S-XP

1.25mm pitch 90° Wafer Without Boss -SMT TYPE

Reference Informations:

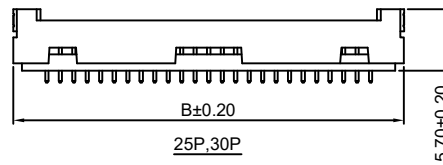
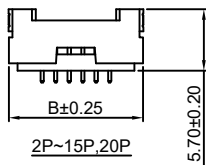
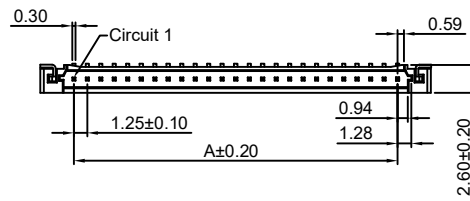
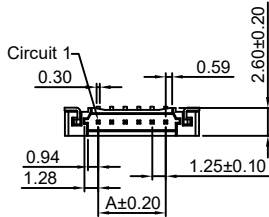
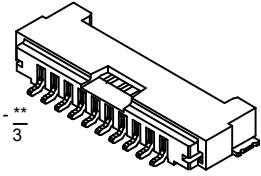
- *Material: Pin: Brass/Tin over Nickel
Solder Tabs: Brass/Tin over Nickel
Insulator: Nylon 6T, UL94V-0
- *Mates with HDGC1255HA-XP series Housing
- *Color: Beige



Ordering Information:

HDGC1255WRA-S-XP - *** - **
1 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



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