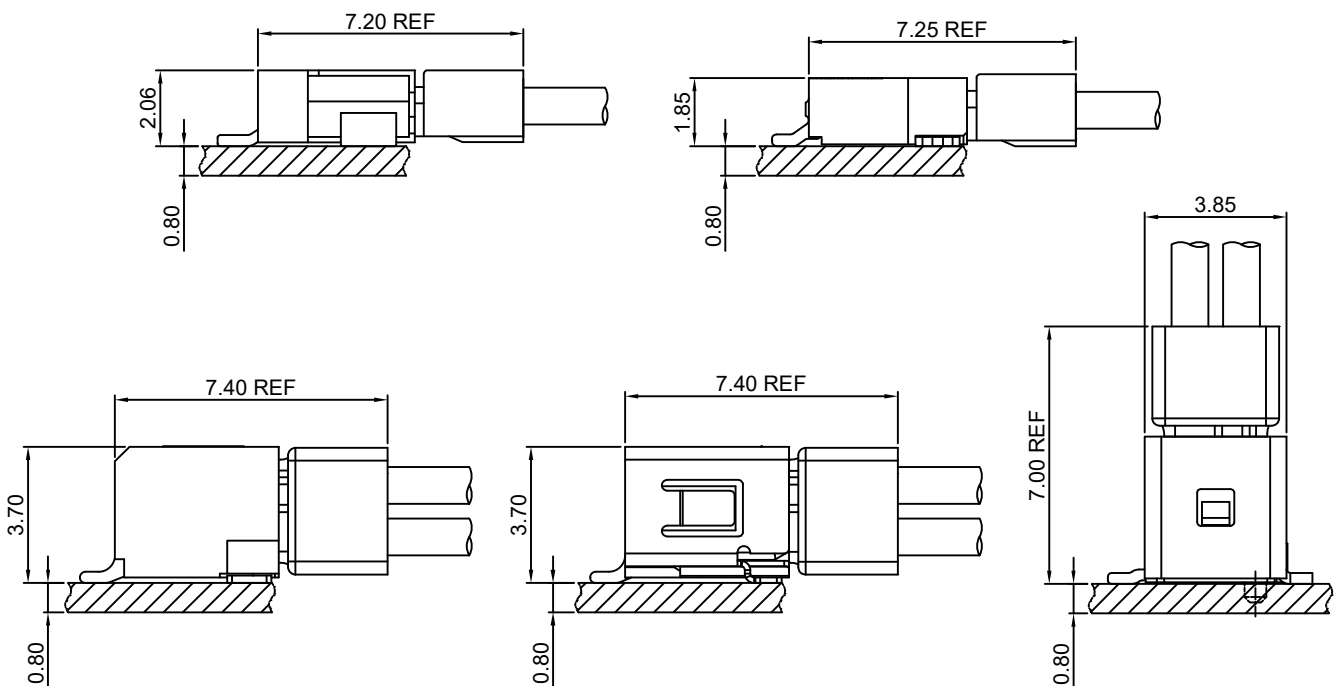


Specifications

- 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





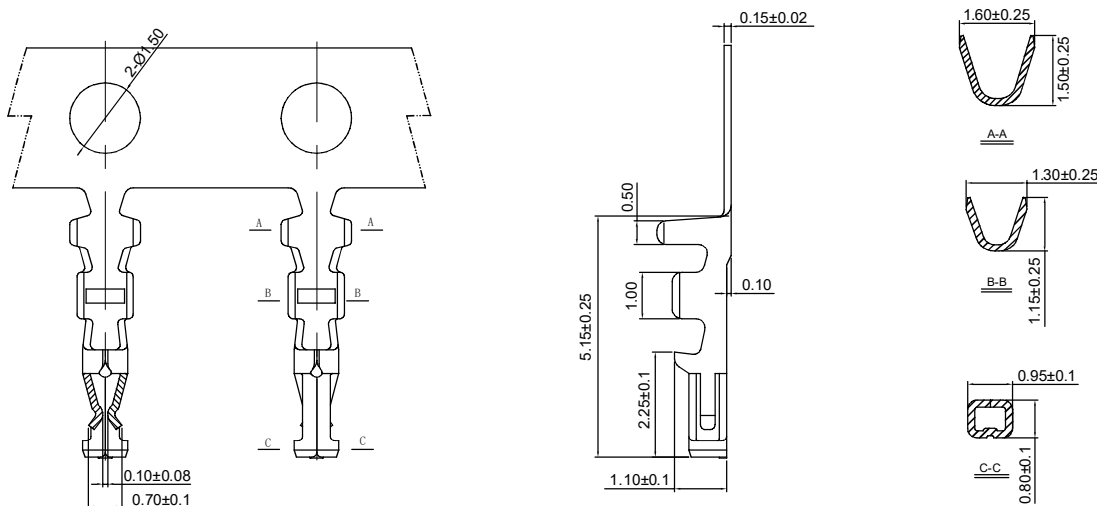
HDGC1256 Series 1.25mm (.049") Pitch Wire to Board Connector

HDGC1256-T

1.25mm pitch Crimp Terminal

Reference Informations:

*Used in HDGC1256H,HD-XP, HDGC1255HA-XP series Housing



Ordering information & Specifications:

Unit:mm

Part NO	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
HDGC1256-TP	AWG#28-#32	0.90mm(max)	Phosphor Bronze	Tin over Nickel	20,000 PCS
HDGC1256-GP	AWG#28-#32	0.90mm(max)	Phosphor Bronze	Gold over Nickel	20,000 PCS

Optional Gold plating available but MOQ requested

HDGC1256H-XP

1.25mm pitch Housing

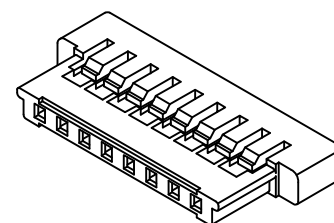
Reference Informations:

*Material:Nylon 66,UL94V-0

*Suitable HDGC1256-T series Terminal

*Mates with HDGC1256WR-S,WRA-S-XP series Wafer

*Color:Black



Ordering Information:

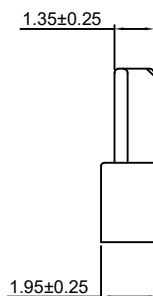
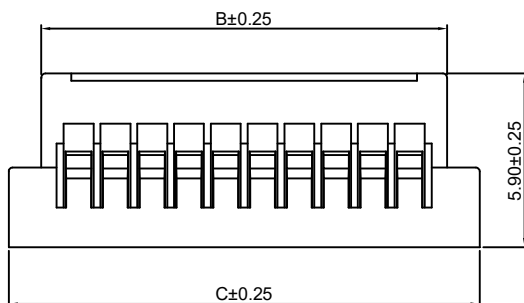
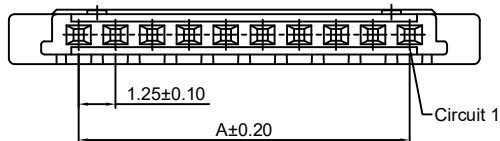
HDGC1256H-XP - ***
1 2

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	C
2P	1.25	3.80	6.00
3P	2.50	5.05	7.25
4P	3.75	6.30	8.50
5P	5.00	7.55	9.75
6P	6.25	8.80	11.00
8P	8.75	11.30	13.50
10P	11.25	13.80	16.00
15P	17.25	20.05	22.25
20P	23.75	26.30	28.50
25P	30.00	32.55	34.75
30P	36.25	38.80	41.00

Unit: mm



HDGC1256 Series 1.25mm (.049") Pitch Wire to Board Connector

HDGC1256WRA-S-XP

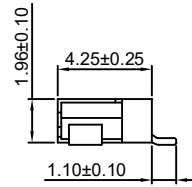
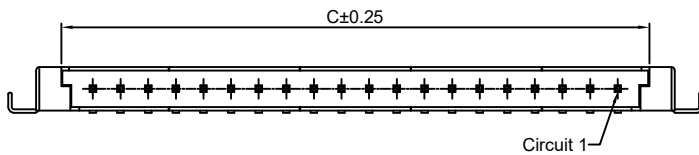
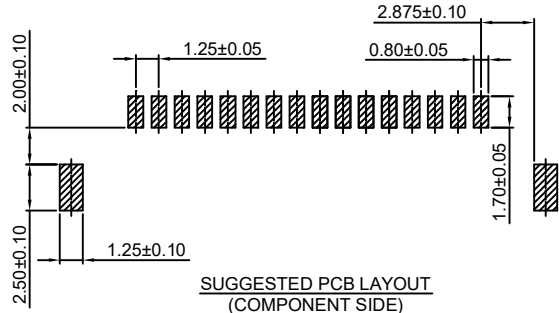
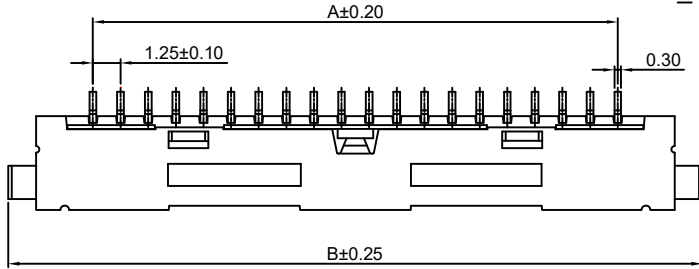
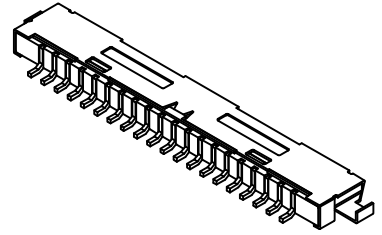
1.25mm pitch 90° Wafer-SMT TYPE

Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Shell: Brass/Tin over Nickel
Insulator: LCP, UL94V-0
- *Mates with HDGC1256H-XP series Housing
- *Color: White

Ordering Information:
HDGC1256WRA-S-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 over Nickel



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
20P	23.75	31.40	26.10
30P	36.25	43.60	39.10

Unit: mm

HDGC1256WVD-S-F-XP

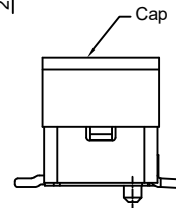
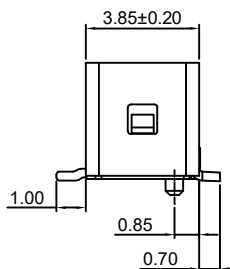
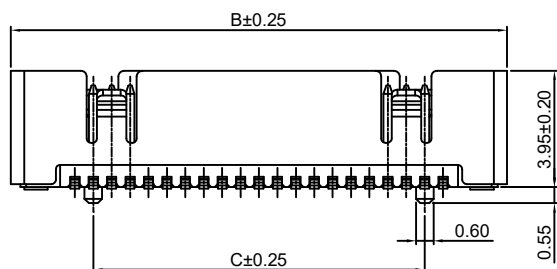
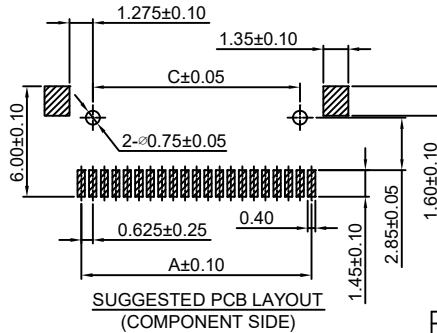
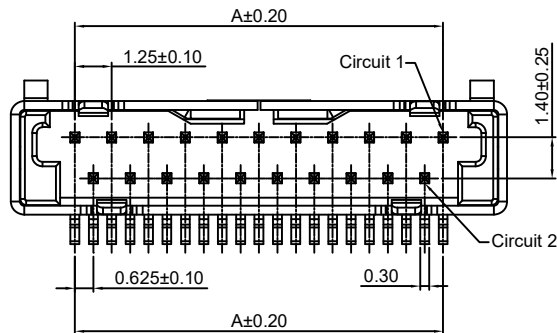
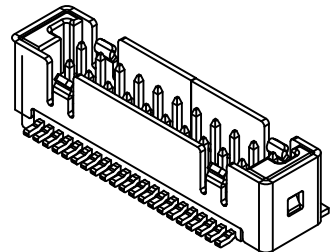
1.25mm Pitch 180° Dual Row Wafer-SMT TYPE

Reference Informations:

- *Material: Pin: Brass/Gold over Nickel
Shell: Brass/Tin over Nickel
Insulator: Nylon 6T, UL94V-0
Cap: Nylon 6T, UL94V-0
- *Mates with HDGC1256HD-XP series Dual Row Housing
- *Color: White

Ordering Information:
HDGC1256WVD-S-F-XP - ***
1 2

- Part No.
- Material:
(Blank): Nylon 6T, UL94V-0
GWT: Nylon 6T, UL94V-0, GWT 750 °C



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
21P	12.50	16.85	11.25
31P	18.75	23.10	17.50

Unit: mm



HDGC1256 Series 1.25mm (.049") Pitch Wire to Board Connector

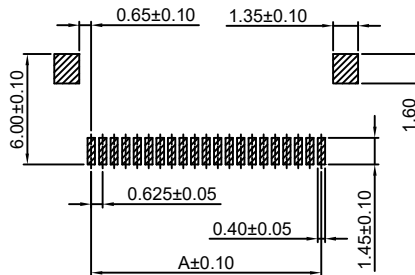
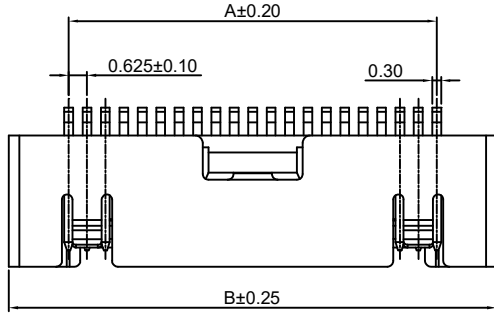
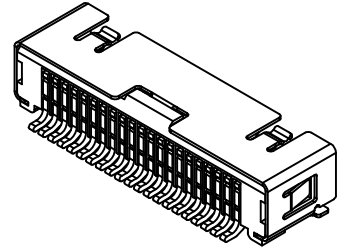
HDGC1256WRD-S-XP

1.25mm Pitch 90° Dual Row Wafer-SMT TYPE

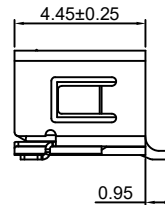
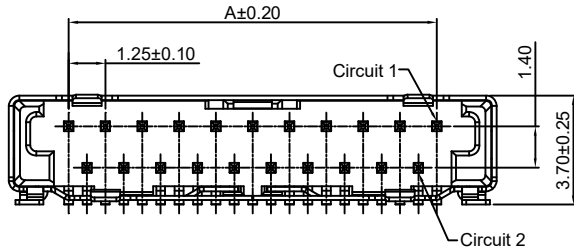
Reference Informations:

- *Material:Pin:Brass/Gold over Nickel
Shell:Brass/Tin over Nickel
Insulator:Nylon 6T,UL94V-0
- *Mates with HDGC1256HD-XP series Dual Row Housing
- *Color:White

Ordering Information:
HDGC1256WRD-S-XP - ***
 1 2
 1.Part No.
 2.Material:
 (Blank):Nylon 6T,UL94V-0
 GWT:Nylon 6T,UL94V-0,GWT 750 °C



SUGGESTED PCB LAYOUT (COMPONENT SIDE)



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
21P	12.50	16.55
31P	18.75	22.80
41P	25.00	29.05

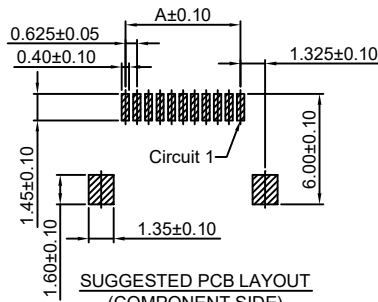
Unit: mm

HDGC1256WRDA-S-XP

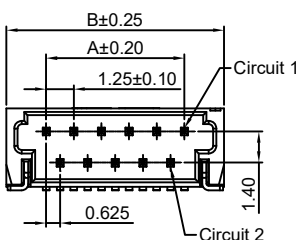
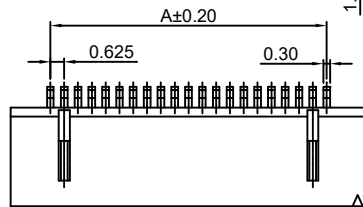
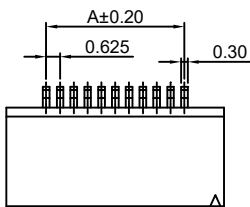
1.25mm pitch 90° Dual Row Wafer-SMT TYPE

Reference Informations:

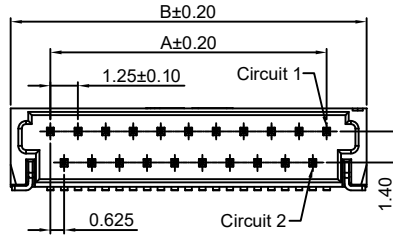
- *Material:Pin:Brass/Gold over Nickel
Solder Tabs:Brass/Tin over Nickel
Insulator:Nylon 6T,UL94V-0
- *Mates with HDGC1256HD-XP series dual row Housing
- *Color:White



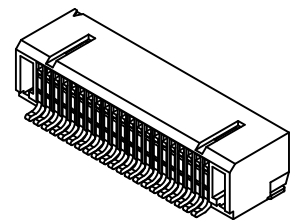
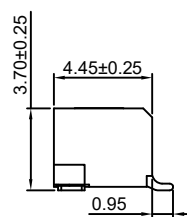
Ordering Information:
HDGC1256WRDA-S-XP - ***
 1 2
 1.Part No.
 2.Material:
 (Blank):Nylon 6T,UL94V-0
 GWT:Nylon 6T,UL94V-0,GWT 750 °C



5,7,9,11 Contacts



13,15,17,19,21,31,41 Contacts



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
5P	2.50	6.10
7P	3.75	7.35
9P	5.00	8.60
11P	6.25	9.85
13P	7.50	11.10
15P	8.75	12.35
17P	10.00	13.60
19P	11.25	14.85
21P	12.50	16.10
31P	18.75	22.35
41P	25.00	28.60

Unit: mm