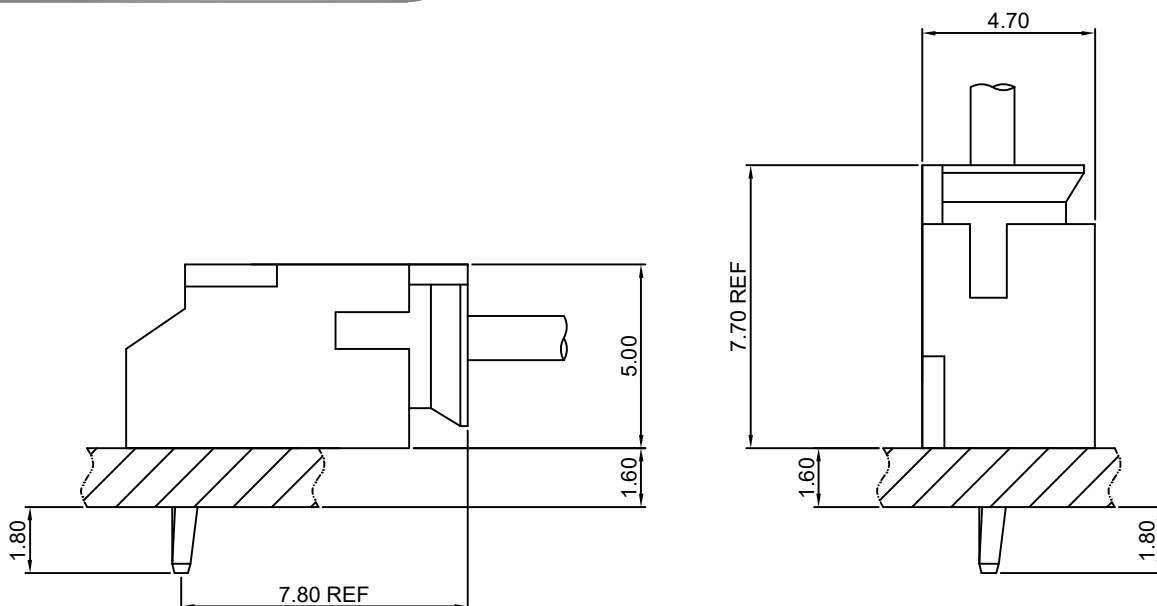


## Specifications

- Current rating:3A AC,DC
- Voltage rating:300V AC,DC
- Temperature range:-25°C~+85°C
- Contact resistance:20mΩMax.
- Insulation resistance:100MΩMin.
- Withstanding voltage:1000V AC/minute
- \*Compliant with RoHS and REACH\*
- \*Meet the HF/Halogen Free,need to customize\*
- \*Contact HDGC for details\*

## Assembly layout





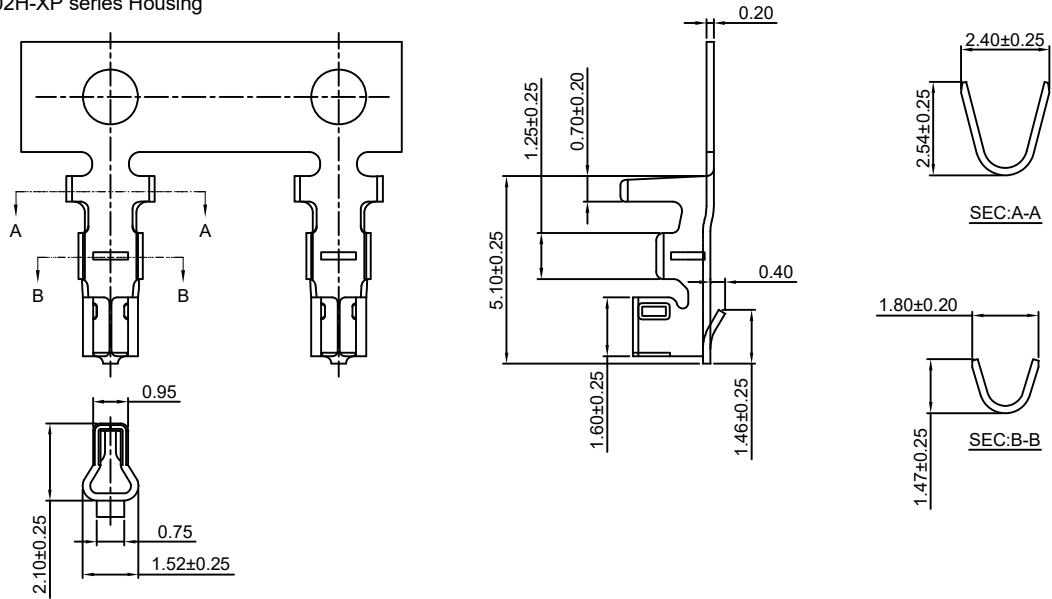
## HDGC2002 Series 2.00mm (.079") Pitch Wire to Board and Wire to Wire Connector

### HDGC2002-T

2.00mm pitch Crimp Terminal

**Reference Informations:**

\*Used in HDGC2002H-XP series Housing



Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
HDGC2002-TP	AWG#24-#28	1.50mm(max)	Phosphor Bronze	Tin over Nickel	10,000 PCS
HDGC2002-GP	AWG#24-#28	1.50mm(max)	Phosphor Bronze	Gold over Nickel	10,000 PCS

Optional Gold plating available but MOQ requested

### HDGC2002H-XP

2.00mm pitch Housing

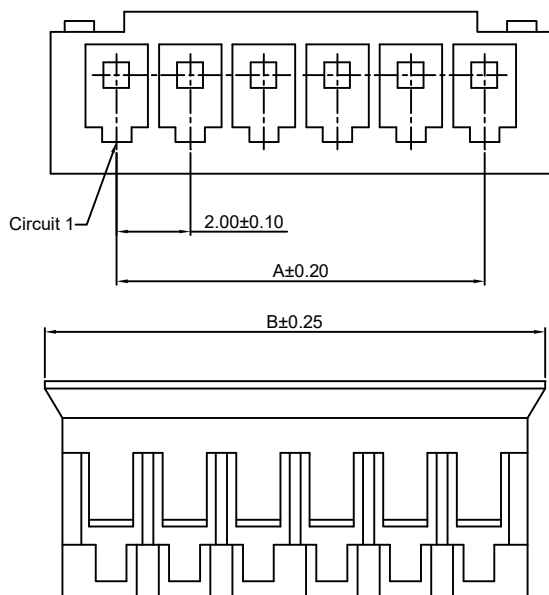
**Reference Informations:**

\*Material:Nylon 66,UL94V-0

\*Suitable HDGC2002-T series Terminal

\*Mates with HDGC2002WV,WR-XP series Wafer

\*Color:Brown



Ordering Information:

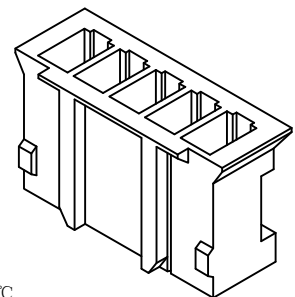
HDGC2002H-XP - \*\*\*  
1 2

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	2.00	5.60
3P	4.00	7.60
4P	6.00	9.60
5P	8.00	11.60
6P	10.00	13.60
7P	12.00	15.60
8P	14.00	17.60
9P	16.00	19.60
10P	18.00	21.60
11P	20.00	23.60
12P	22.00	25.60
13P	24.00	27.60
14P	26.00	29.60
15P	28.00	31.60

Unit: mm



## HDGC2002 Series 2.00mm (.079") Pitch Wire to Board and Wire to Wire Connector

### HDGC2002WV-XP

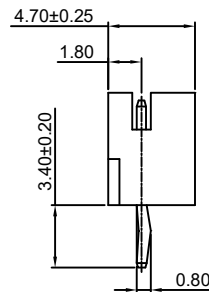
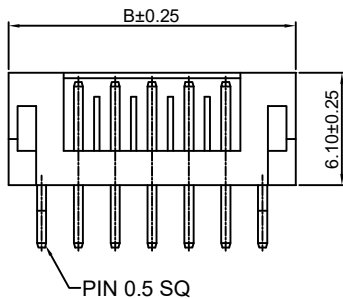
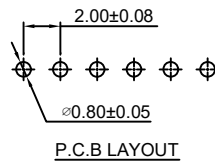
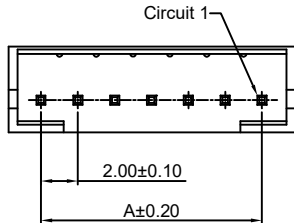
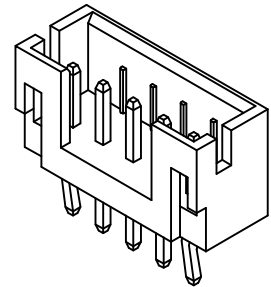
2.00mm pitch 180° Wafer

#### Reference Informations:

- \*Material:Pin:Brass/Tin over Nickel  
Insulator:Nylon 66,UL94V-0
- \*Mates with HDGC2002H-XP series Housing
- \*Color:Brown

#### Ordering Information:

- HDGC2002WV-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	2.00	6.00
3P	4.00	8.00
4P	6.00	10.00
5P	8.00	12.00
6P	10.00	14.00
7P	12.00	16.00
8P	14.00	18.00
9P	16.00	20.00
10P	18.00	22.00
11P	20.00	24.00
12P	22.00	26.00
13P	24.00	28.00
14P	26.00	30.00
15P	28.00	32.00

Unit: mm

### HDGC2002WR-XP

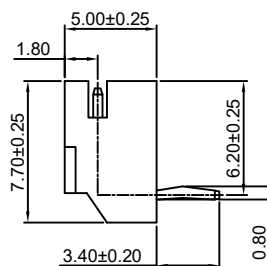
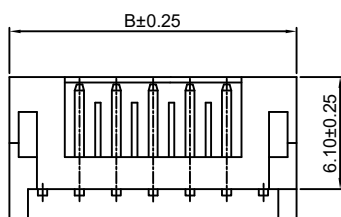
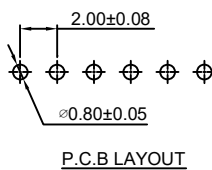
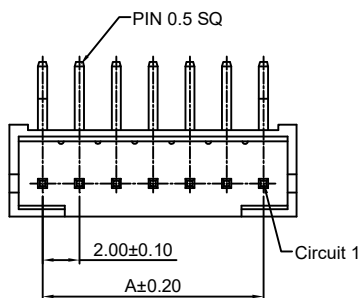
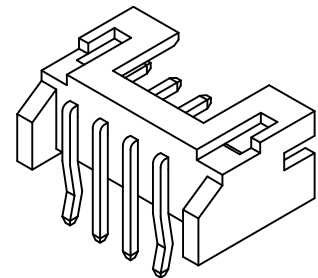
2.00mm pitch 90° Wafer

#### Reference Informations:

- \*Material:Pin:Brass/Tin over Nickel  
Wafer:Nylon 66,UL94V-0
- \*Mates with HDGC2002H-XP series Housing
- \*Color:Brown

#### Ordering Information:

- HDGC2002WR-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	2.00	6.00
3P	4.00	8.00
4P	6.00	10.00
5P	8.00	12.00
6P	10.00	14.00
7P	12.00	16.00
8P	14.00	18.00
9P	16.00	20.00
10P	18.00	22.00
11P	20.00	24.00
12P	22.00	26.00
13P	24.00	28.00
14P	26.00	30.00
15P	28.00	32.00

Unit: mm