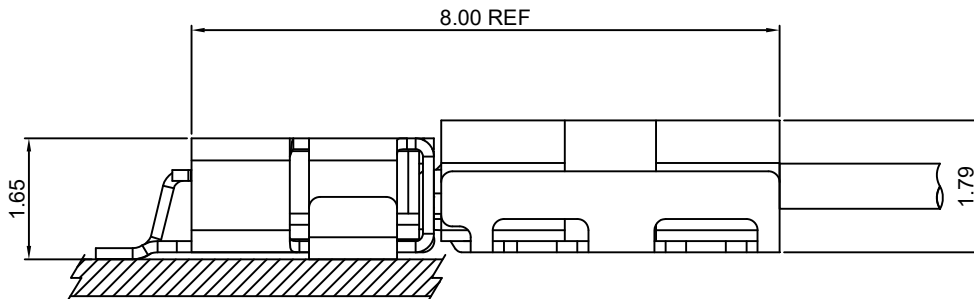


Specifications

- Current rating:1A AC,DC
- Voltage rating:200V AC,DC
- Temperature range:-25°C~+85°C
- Contact resistance:40mΩMax.
- Insulation resistance:100MΩMin.
- Withstanding voltage:500V AC/minute
- *Compliant with RoHS and REACH*
- *Meet the HF/Halogen Free,need to customize*
- *Contact HDGC for details*

Assembly layout





HDGC1001 SERIES



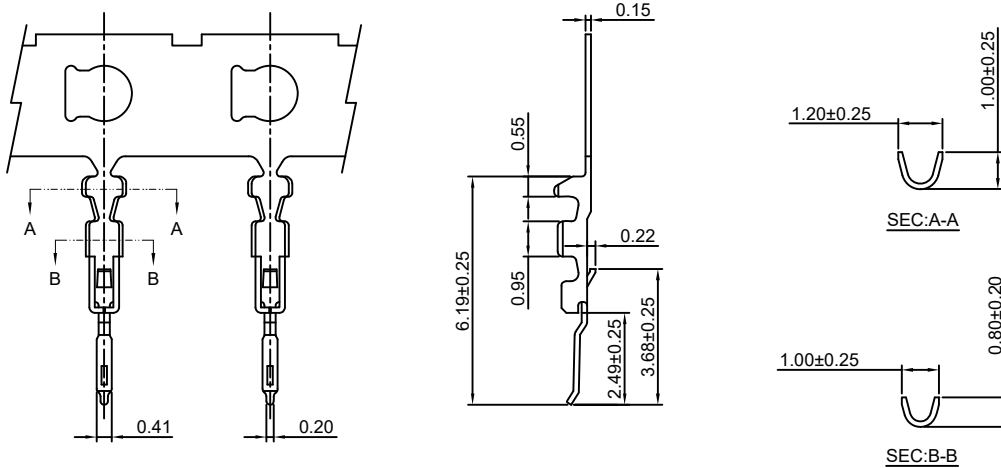
HDGC1001 Series 1.00mm (.039") Pitch Wire to Board Connector

HDGC1001-T

1.00mm pitch Crimp Terminal

Reference Informations:

*Used in HDGC1001H-XP series Housing



Ordering information & Specifications:

Unit:mm

Part NO	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
HDGC1001-GP	AWG #28-#36	0.50mm(max)	Phosphor Bronze	Gold over Nickel	15,000 PCS

Optional Gold plating available but MOQ requested

HDGC1001H-XP

1.00mm pitch Housing

Reference Informations:

*Material: Insulator:Nylon 46,UL94V-0

Shell:Phosphor Bronze/Tin over Nickel

*Suitable HDGC1001-T series Terminal

*Mates with HDGC1001WR-S-XP, HDGC1001WRA-S-30P series Wafer

*Color:Ivory

Ordering Information:

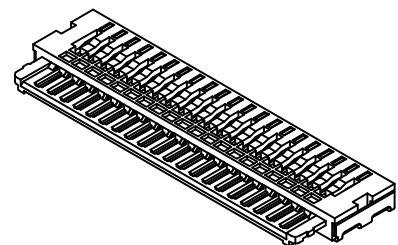
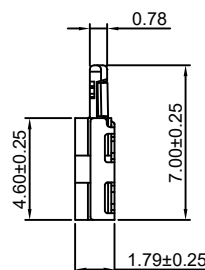
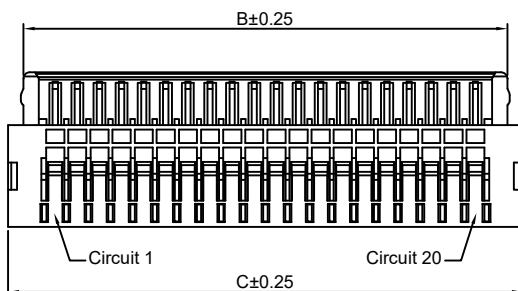
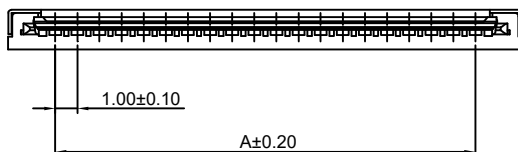
HDGC1001H-XP - ***
1 2

1.Part No.

2.Material:

(Blank):Nylon 46,UL94V-0

GWT:Nylon 46,UL94V-0,GWT 750 °C



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
20P	19.00	21.88	23.28
30P	29.00	31.88	33.28

Unit: mm



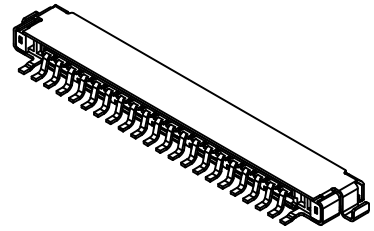
HDGC1001 Series 1.00mm (.039") Pitch Wire to Board Connector

HDGC1001WR-S-XP

1.00mm pitch 90° Wafer-SMT TYPE

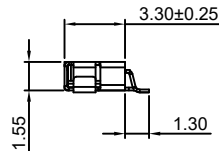
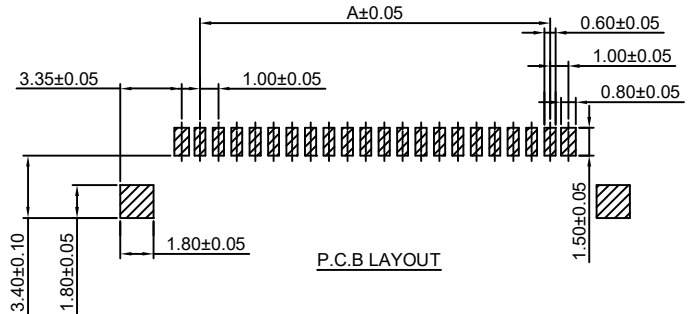
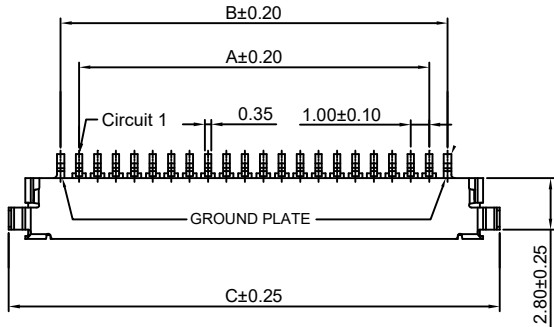
Reference Informations:

- *Material: Pin: Phosphor Bronze/Tin over Nickel on solder area
Gold over Nickel on contact area
- Shell: Phosphor Bronze/Tin over Nickel
- Insulator: Nylon 6T, UL94V-0
- *Mates with HDGC1001H-XP series Housing
- *Color: Ivory



Ordering Information:
HDGC1001WR-S-XP - ***
 1 2

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



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
20P	19.00	21.88	26.65
30P	29.00	31.88	36.65

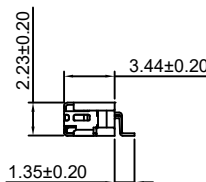
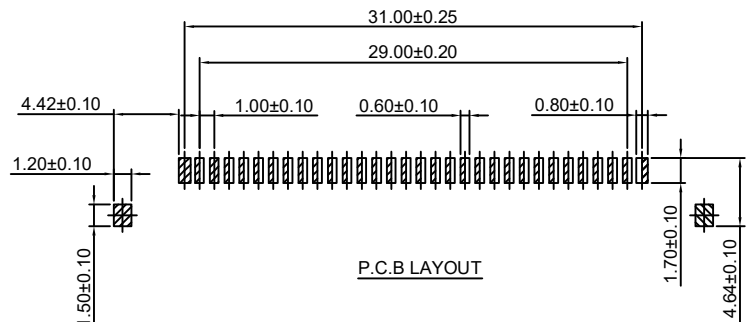
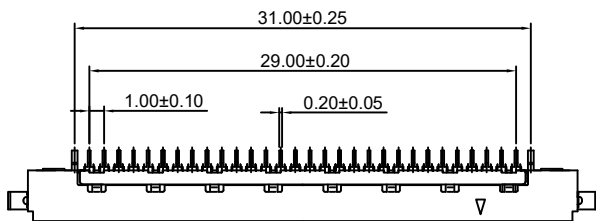
Unit: mm

HDGC1001WRA-S-30P

1.00mm pitch 90° Wafer-SMT TYPE

Reference Informations:

- *Material: Pin: Phosphor Bronze/Nickel-plated
- Shell: Phosphor Bronze/Tin over Nickel
- Insulator: LCP, UL94V-0
- *Mates with HDGC1001H-XP series Housing
- *Color: Black



Unit: mm