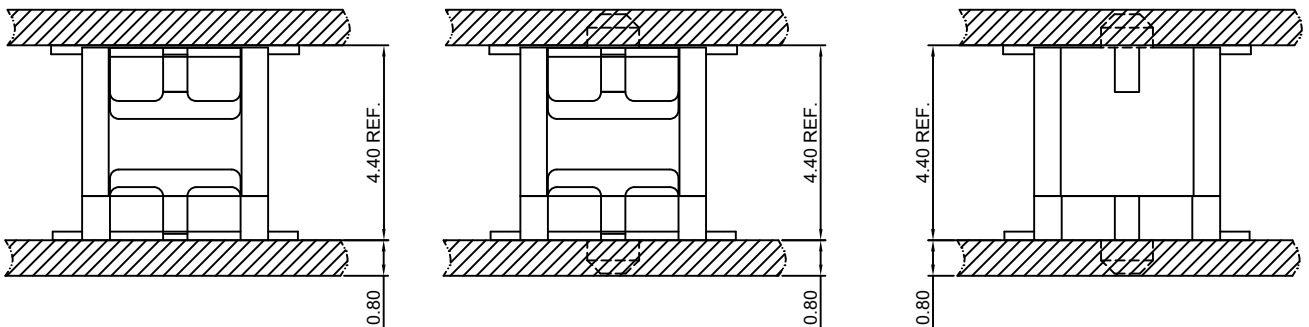


Specifications

- Current rating:0.5A AC,DC
- Voltage rating:150V AC,DC
- Temperature range:-25°C~+85°C
- Contact resistance:50mΩMax.
- Insulation resistance:500MΩMin.
- Withstanding voltage:250V AC/minute
- *Compliant with RoHS and REACH*
- *Meet the HF/Halogen Free,need to customize*
- *Contact HDGC for details*

Assembly layout





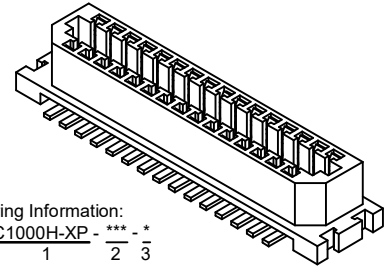
HDGC1000 Series 1.00mm (.039") Pitch Board to Board Connector

HDGC1000H-XP

1.00mm pitch board to board connector

Reference Informations:

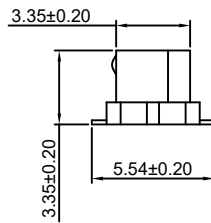
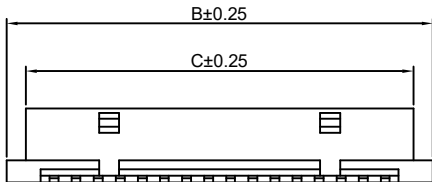
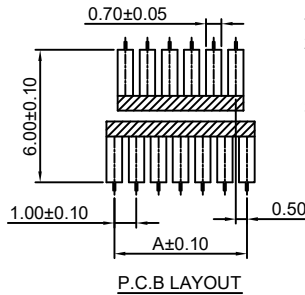
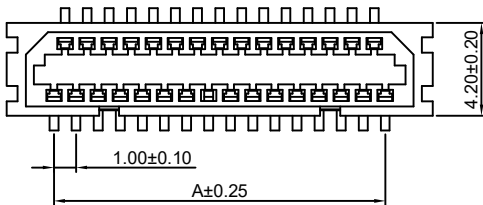
- *Material: Pin: Phosphor Bronze/Tin over Nickel
Insulator: Nylon 6T, UL94V-0
- *Mates with HDGC1000HM-XP, HDGC1000HM-S-XP, HDGC1000HM-S-F-XP, HDGC1000HM-S-FN-XP series Connector
- *Color: Beige



Ordering Information:

HDGC1000H-XP - $\frac{***}{1} - \frac{*}{2} - \frac{*}{3}$

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	C
9P	4.00	8.30	6.55
11P	5.00	9.30	7.55
13P	6.00	10.30	8.55
15P	7.00	11.30	9.55
17P	8.00	12.30	10.55
19P	9.00	13.30	11.55
21P	10.00	14.30	12.55
23P	11.00	15.30	13.55
25P	12.00	16.30	14.55
31P	15.00	19.30	17.55
41P	20.00	24.30	22.55
51P	25.00	29.30	27.55

Unit: mm

HDGC1000H-S-XP

1.00mm pitch board to board connector

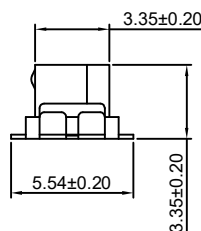
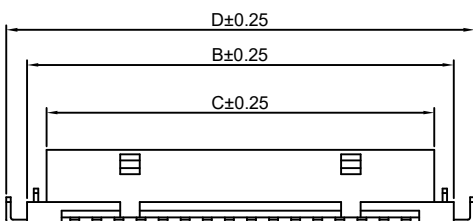
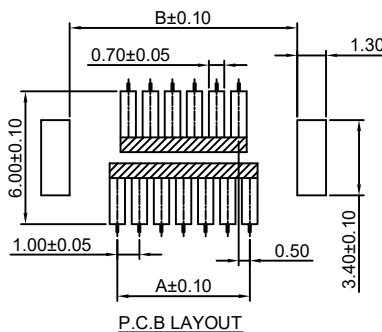
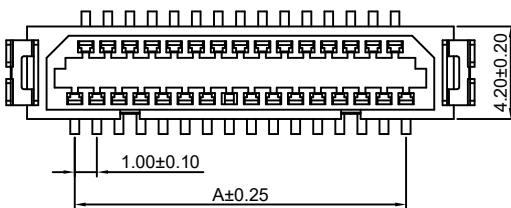
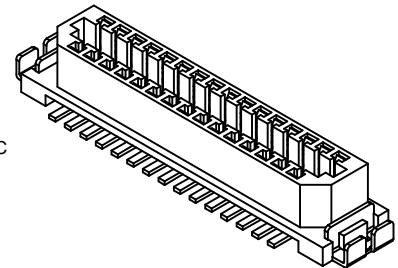
Reference Informations:

- *Material: Pin: Phosphor Bronze/Tin over Nickel
Solder Tab: Barss/Tin over Nickel
Insulator: Nylon 6T, UL94V-0
- *Mates with HDGC1000HM-XP, HDGC1000HM-S-XP, HDGC1000HM-S-F-XP, HDGC1000HM-S-FN-XP series Connector
- *Color: Beige

Ordering Information:

HDGC1000H-S-XP - $\frac{***}{1} - \frac{*}{2} - \frac{*}{3}$

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	C	D
9P	4.00	8.30	6.55	10.10
11P	5.00	9.30	7.55	11.10
13P	6.00	10.30	8.55	12.10
15P	7.00	11.30	9.55	13.10
17P	8.00	12.30	10.55	14.10
19P	9.00	13.30	11.55	15.10
21P	10.00	14.30	12.55	16.10
23P	11.00	15.30	13.55	17.10
25P	12.00	16.30	14.55	18.10
31P	15.00	19.30	17.55	21.10
41P	20.00	24.30	22.55	26.10
51P	25.00	29.30	27.55	31.10

Unit: mm



HDGC1000 Series 1.00mm (.039") Pitch Board to Board Connector

HDGC1000H-S-F-XP

1.00mm pitch board to board connector

Reference Informations:

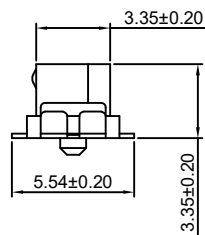
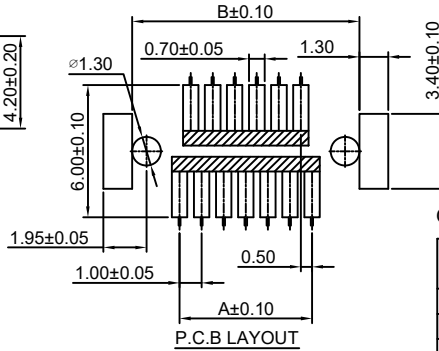
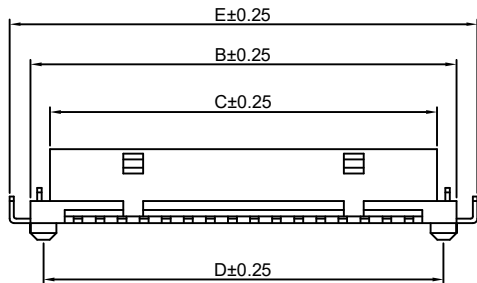
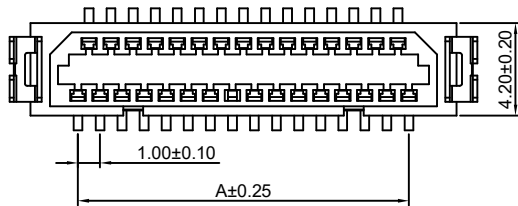
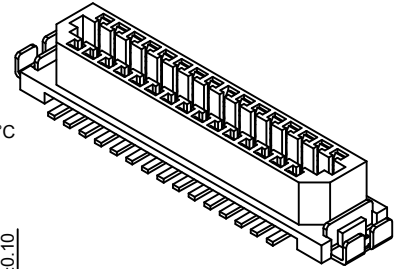
*Material:Pin:Phosphor Bronze/Tin over Nickel
Solder Tab:Barss/Tin over Nickel
Insulator:Nylon 6T, UL94V-0

*Mates with HDGC1000HM-XP, HDGC1000HM-S-XP, HDGC1000HM-S-F-XP, HDGC1000HM-S-FN-XP series Connector

*Color:Beige

Ordering Information:
HDGC1000H-S-F-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	C	D	E
9P	4.00	8.30	6.55	7.10	10.10
11P	5.00	9.30	7.55	8.10	11.10
13P	6.00	10.30	8.55	9.10	12.10
15P	7.00	11.30	9.55	10.10	13.10
17P	8.00	12.30	10.55	11.10	14.10
19P	9.00	13.30	11.55	12.10	15.10
21P	10.00	14.30	12.55	13.10	16.10
23P	11.00	15.30	13.55	14.10	17.10
25P	12.00	16.30	14.55	15.10	18.10
31P	15.00	19.30	17.55	18.10	21.10
41P	20.00	24.30	22.55	23.10	26.10
51P	25.00	29.30	27.55	28.10	31.10

Unit: mm

HDGC1000H-S-FN-XP

1.00mm pitch board to board connector

Reference Informations:

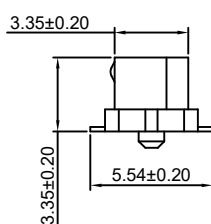
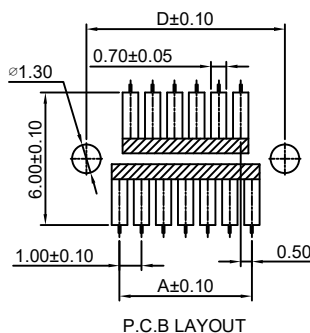
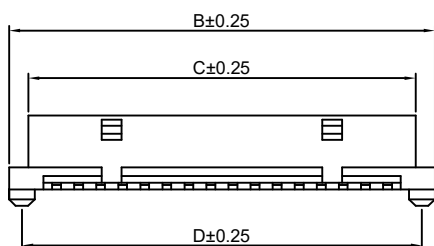
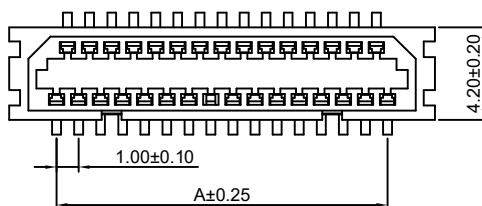
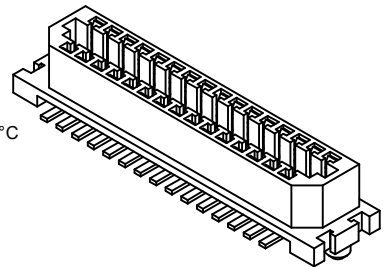
*Material:Pin:Phosphor Bronze/Tin over Nickel
Solder Tab:Barss/Tin over Nickel
Insulator:Nylon 6T, UL94V-0

*Mates with HDGC1000HM-XP, HDGC1000HM-S-XP, HDGC1000HM-S-F-XP, HDGC1000HM-S-FN-XP series Connector

*Color:Beige

Ordering Information:
HDGC1000H-S-FN-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	C	D
9P	4.00	8.30	6.55	10.10
11P	5.00	9.30	7.55	11.10
13P	6.00	10.30	8.55	12.10
15P	7.00	11.30	9.55	13.10
17P	8.00	12.30	10.55	14.10
19P	9.00	13.30	11.55	15.10
21P	10.00	14.30	12.55	16.10
23P	11.00	15.30	13.55	17.10
25P	12.00	16.30	14.55	18.10
31P	15.00	19.30	17.55	21.10
41P	20.00	24.30	22.55	26.10
51P	25.00	29.30	27.55	31.10

Unit: mm



HDGC1000 Series 1.00mm (.039") Pitch Board to Board Connector

HDGC1000HM-XP

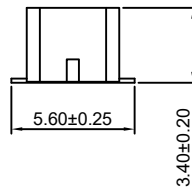
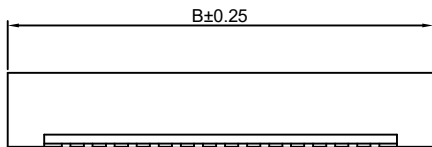
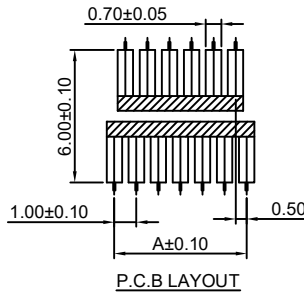
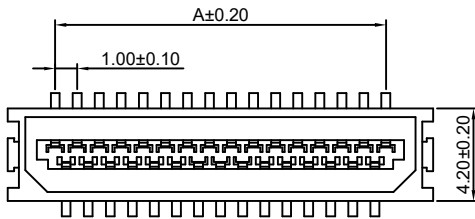
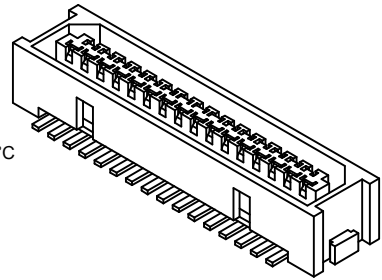
1.00mm pitch board to board connector

Reference Informations:

- *Material:Pin:Phosphor Bronze/Tin over Nickel
Insulator:Nylon 6T, UL94V-0
- *Mates with HDGC1000H-XP, HDGC1000H-S-XP, HDGC1000H-S-F-XP, HDGC1000H-S-FN-XP series Connector
- *Color:Beige

Ordering Information:
 HDGC1000HM-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
9P	4.00	8.30
11P	5.00	9.30
13P	6.00	10.30
15P	7.00	11.30
17P	8.00	12.30
19P	9.00	13.30
21P	10.00	14.30
23P	11.00	15.30
25P	12.00	16.30
31P	15.00	19.30
41P	20.00	24.30
51P	25.00	29.30

Unit: mm

HDGC1000HM-S-XP

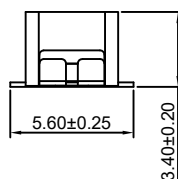
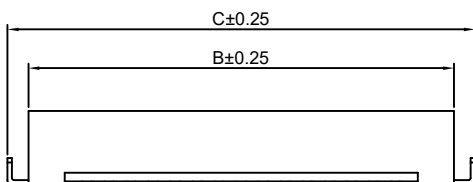
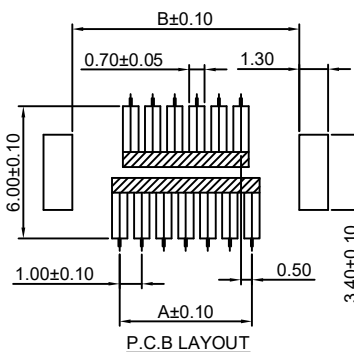
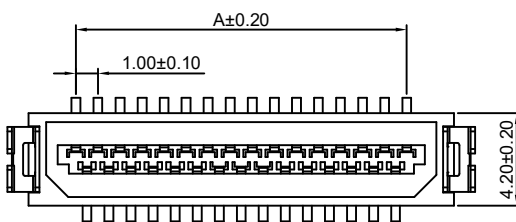
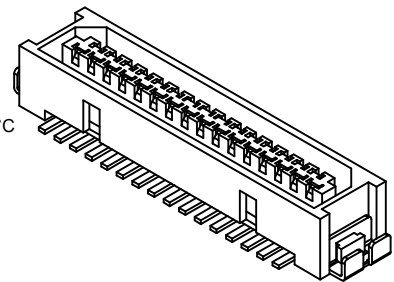
1.00mm pitch board to board connector

Reference Informations:

- *Material:Pin:Phosphor Bronze/Tin over Nickel
Solder Tab:Barss/Tin over Nickel
Insulator:Nylon 6T, UL94V-0
- *Mates with HDGC1000H-XP, HDGC1000H-S-XP, HDGC1000H-S-F-XP, HDGC1000H-S-FN-XP series Connector
- *Color:Beige

Ordering Information:
 HDGC1000HM-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	C
9P	4.00	8.30	10.10
11P	5.00	9.30	11.10
13P	6.00	10.30	12.10
15P	7.00	11.30	13.10
17P	8.00	12.30	14.10
19P	9.00	13.30	15.10
21P	10.00	14.30	16.10
23P	11.00	15.30	17.10
25P	12.00	16.30	18.10
31P	15.00	19.30	21.10
41P	20.00	24.30	26.10
51P	25.00	29.30	31.10

Unit: mm



HDGC1000 Series 1.00mm (.039") Pitch Board to Board Connector

HDGC1000HM-S-F-XP

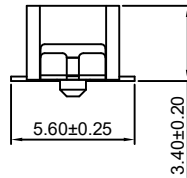
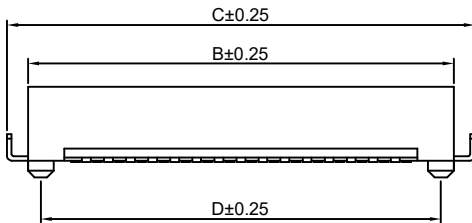
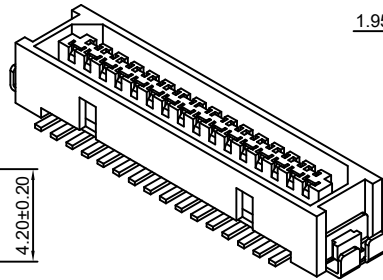
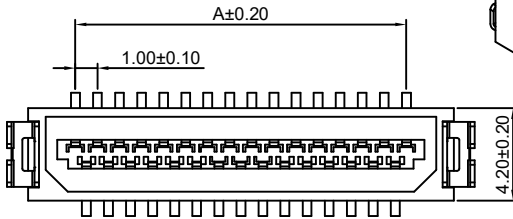
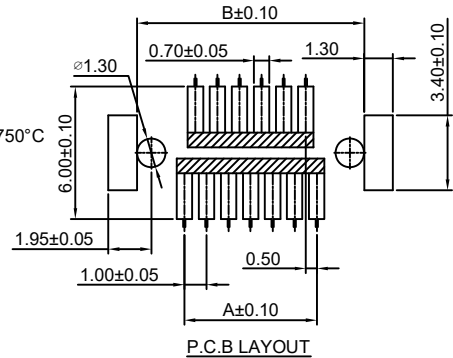
1.00mm pitch board to board connector

Reference Informations:

- *Material: Pin: Phosphor Bronze/Tin over Nickel
Solder Tab: Barss/Tin over Nickel
Insulator: Nylon 6T, UL94V-0
- *Mates with HDGC1000H-XP, HDGC1000H-S-XP, HDGC1000H-S-F-XP, HDGC1000H-S-FN-XP series Connector
- *Color: Beige

Ordering Information:
HDGC1000HM-S-F-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	C	D
9P	4.00	8.30	10.10	7.10
11P	5.00	9.30	11.10	8.10
13P	6.00	10.30	12.10	9.10
15P	7.00	11.30	13.10	10.10
17P	8.00	12.30	14.10	11.10
19P	9.00	13.30	15.10	12.10
21P	10.00	14.30	16.10	13.10
23P	11.00	15.30	17.10	14.10
25P	12.00	16.30	18.10	15.10
31P	15.00	19.30	21.10	18.10
41P	20.00	24.30	26.10	23.10
51P	25.00	29.30	31.10	28.10

Unit: mm

HDGC1000HM-S-FN-XP

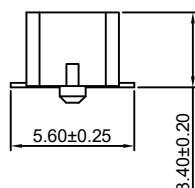
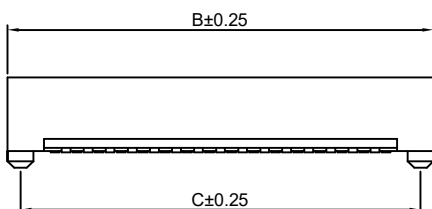
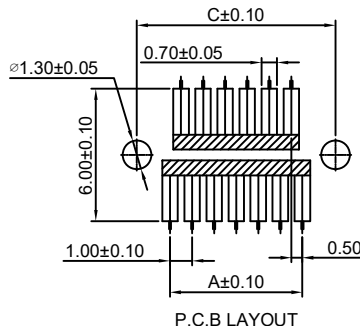
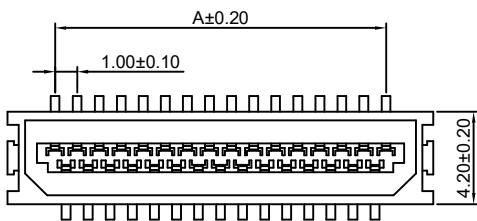
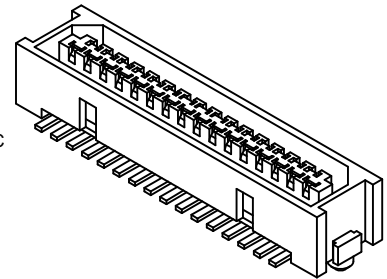
1.00mm pitch board to board connector

Reference Informations:

- *Material: Pin: Phosphor Bronze/Tin over Nickel
Solder Tab: Barss/Tin over Nickel
Insulator: Nylon 6T, UL94V-0
- *Mates with HDGC1000H-XP, HDGC1000H-S-XP, HDGC1000H-S-F-XP, HDGC1000H-S-FN-XP series Connector
- *Color: Beige

Ordering Information:
HDGC1000HM-S-FN-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	C
9P	4.00	8.30	7.10
11P	5.00	9.30	8.10
13P	6.00	10.30	9.10
15P	7.00	11.30	10.10
17P	8.00	12.30	11.10
19P	9.00	13.30	12.10
21P	10.00	14.30	13.10
23P	11.00	15.30	14.10
25P	12.00	16.30	15.10
31P	15.00	19.30	18.10
41P	20.00	24.30	23.10
51P	25.00	29.30	28.10

Unit: mm