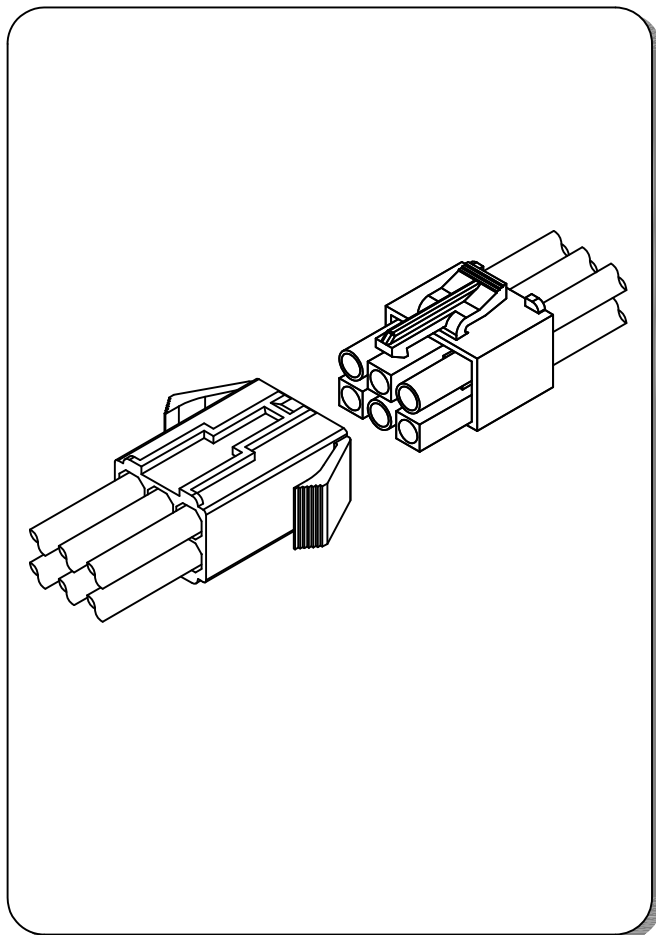
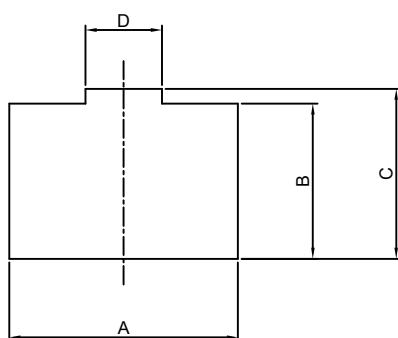




Specifications

- Current rating:10A AC,DC
- Voltage rating:300V AC,DC
- Temperature range:-25°C~+85°C
- Contact resistance:7mΩ Max.
- Insulation resistance:1000MΩ Min.
- Withstanding voltage:1500V AC/minute
- *Compliant with RoHS and REACH*
- *Meet the HF/Halogen Free,GWT/Glow wire Test (IEC60335-1) request,need to customize*
- *Contact HDGC for details*

Panel hole layout



PART NO.	Dimensions			
	A	B	C	D
HDGC4502(A)HM-2P	15.00	6.00	6.85	5.20
HDGC4502(A)HM-3P	19.70	6.00	6.85	5.20
HDGC4502(A)HM-4P	24.20	6.00	6.85	5.20
HDGC4502(A)HM-2x2P	15.60	10.60	11.60	5.20
HDGC4502(A)HM-2x3P	19.70	10.60	11.60	5.20
HDGC4502(A)HM-3x3P	19.70	14.80	15.70	5.20
HDGC4502(A)HM-3x4P	24.20	14.80	15.70	5.20
HDGC4502(A)HM-3x5P	28.70	14.80	15.70	5.20

Unit:mm



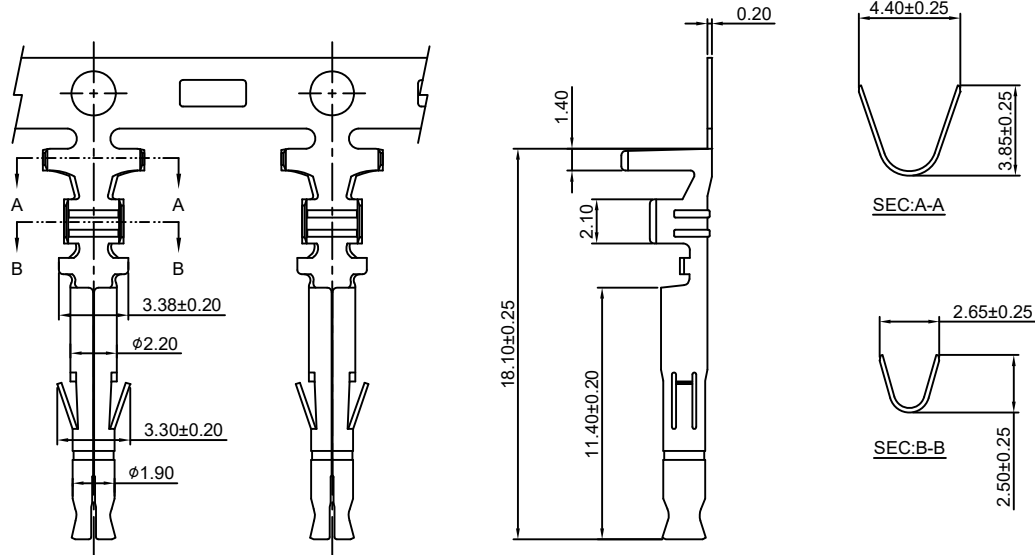
HDGC4502 Series 4.50mm (.177") Pitch Wire to Wire Connector

HDGC4502F-T

4.50mm pitch Crimp Terminal

Reference Informations:

*Used in HDGC4502HF series Housing



Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
HDGC4502F-TB	AWG#16-#20	3.40mm(max)	Brass	Tin over Nickel	3,500 PCS
HDGC4502F-TP	AWG#16-#20	3.40mm(max)	Phosphor Bronze	Tin over Nickel	3,500 PCS
HDGC4502F-GB	AWG#16-#20	3.40mm(max)	Brass	Gold over Nickel	3,500 PCS
HDGC4502F-GP	AWG#16-#20	3.40mm(max)	Phosphor Bronze	Gold over Nickel	3,500 PCS

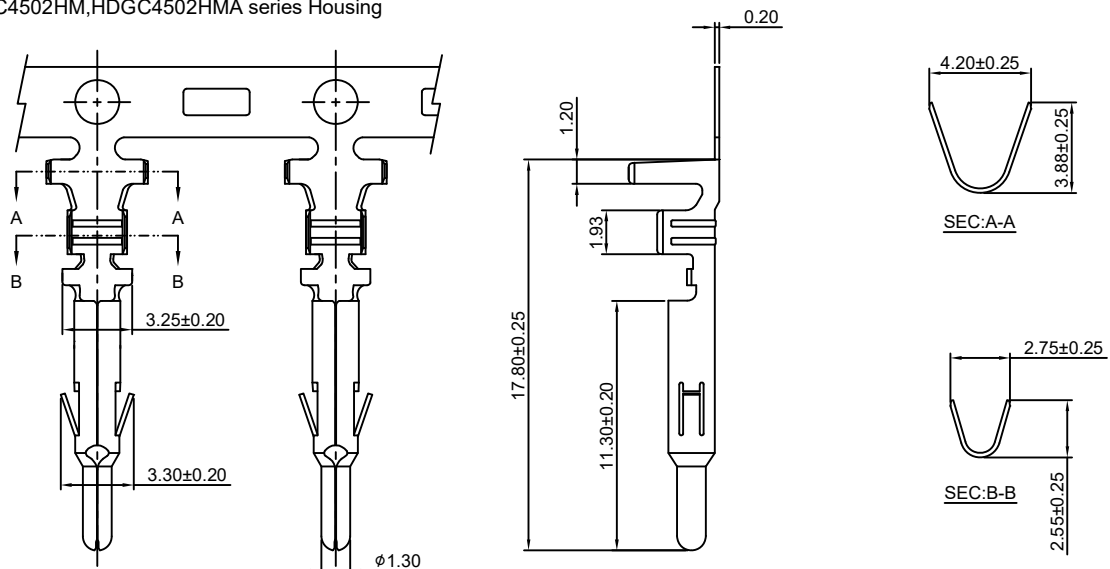
Optional Gold plating available but MOQ requested

HDGC4502M-T

4.50mm pitch Crimp Terminal

Reference Informations:

*Used in HDGC4502HM, HDGC4502HMA series Housing



Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
HDGC4502M-TB	AWG#16-#20	3.40mm(max)	Brass	Tin over Nickel	3,500 PCS
HDGC4502M-TP	AWG#16-#20	3.40mm(max)	Phosphor Bronze	Tin over Nickel	3,500 PCS
HDGC4502M-GB	AWG#16-#20	3.40mm(max)	Brass	Gold over Nickel	3,500 PCS
HDGC4502M-GP	AWG#16-#20	3.40mm(max)	Phosphor Bronze	Gold over Nickel	3,500 PCS

Optional Gold plating available but MOQ requested



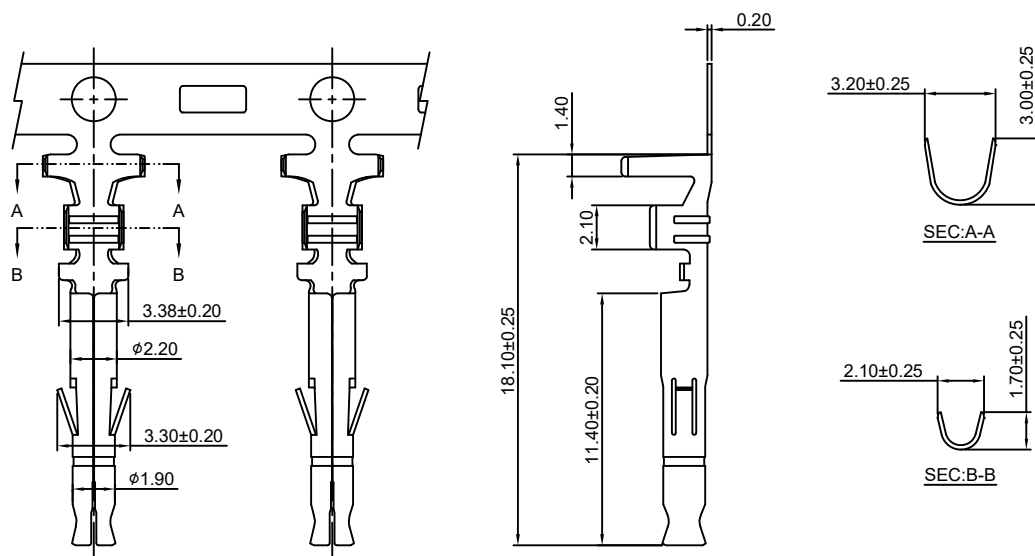
HDGC4502 Series 4.50mm (.177") Pitch Wire to Wire Connector

HDGC4502F-T-L

4.50mm pitch Crimp Terminal

Reference Informations:

*Used in HDGC4502HF series Housing



Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
HDGC4502F-TB-L	AWG#24-#28	1.80mm(max)	Brass	Tin over Nickel	3,500 PCS
HDGC4502F-TP-L	AWG#24-#28	1.80mm(max)	Phosphor Bronze	Tin over Nickel	3,500 PCS
HDGC4502F-GB-L	AWG#24-#28	1.80mm(max)	Brass	Gold over Nickel	3,500 PCS
HDGC4502F-GP-L	AWG#24-#28	1.80mm(max)	Phosphor Bronze	Gold over Nickel	3,500 PCS

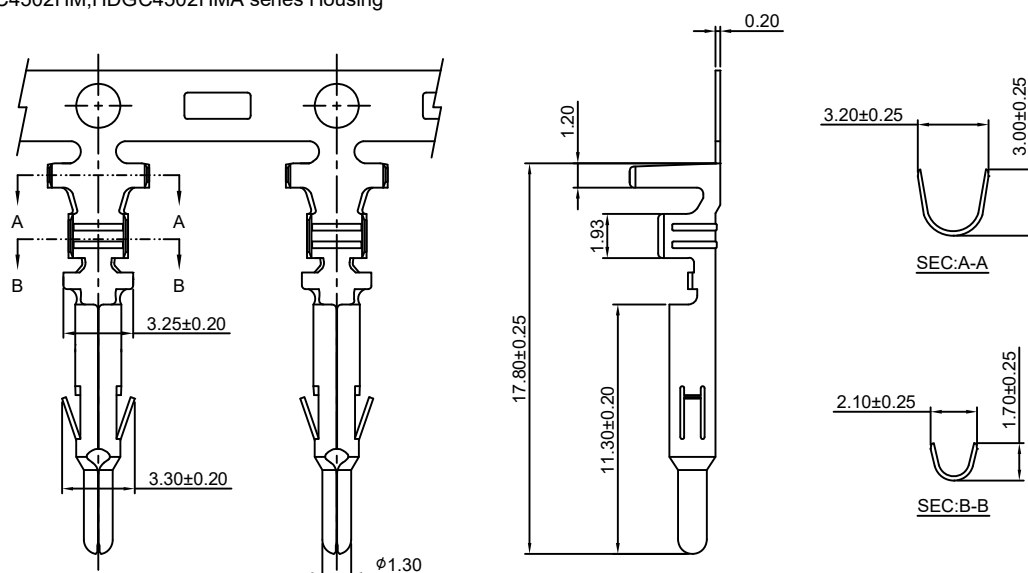
Optional Gold plating available but MOQ requested

HDGC4502M-T-L

4.50mm pitch Crimp Terminal

Reference Informations:

*Used in HDGC4502HM, HDGC4502HMA series Housing



Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
HDGC4502M-TB-L	AWG#24-#28	1.80mm(max)	Brass	Tin over Nickel	3,500 PCS
HDGC4502M-TP-L	AWG#24-#28	1.80mm(max)	Phosphor Bronze	Tin over Nickel	3,500 PCS
HDGC4502M-GB-L	AWG#24-#28	1.80mm(max)	Brass	Gold over Nickel	3,500 PCS
HDGC4502M-GP-L	AWG#24-#28	1.80mm(max)	Phosphor Bronze	Gold over Nickel	3,500 PCS

Optional Gold plating available but MOQ requested



HDGC4502 Series 4.50mm (.177") Pitch Wire to Wire Connector

HDGC4502H

4.50mm Pitch Housing

Reference Informations:

*Material:Nylon 66,UL94V-0

*HDGC4502HM(Suitable Terminal: HDGC4502M-T(-L))

*HDGC4502HF(Suitable Terminal: HDGC4502F-T(-L))

*Color:White

Ordering Information:

HDGC4502HF-XP - ***

1 2

1.Part No.

2.Material:

(blank):Nylon 66,UL94V-0

V2:Nylon 66,UL94V-2

GWT:Nylon 66,UL94V-0,GWT 750°C

Ordering Information:

HDGC4502HM<HMA>-XP - ***

1 2

1.Part No.

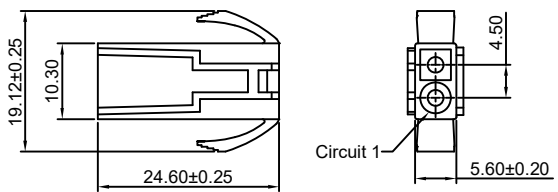
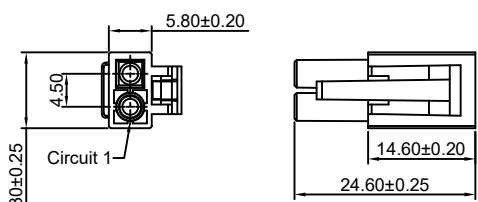
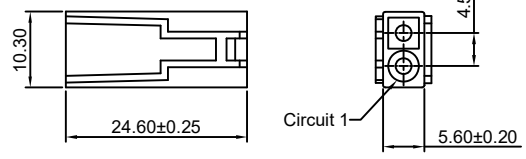
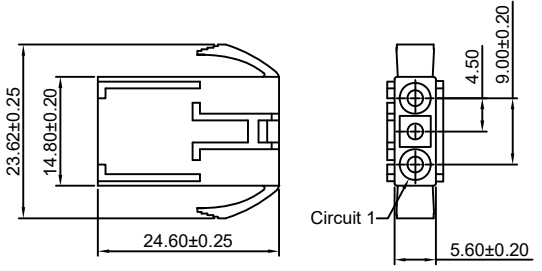
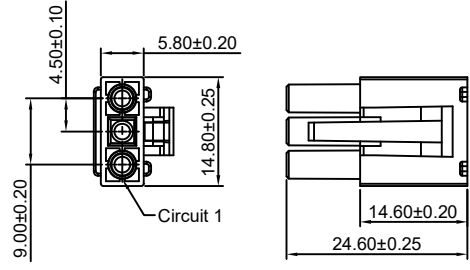
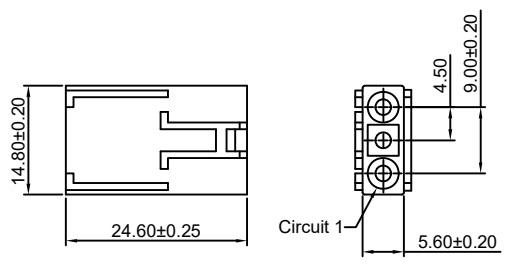
2.Material:

(blank):Nylon 66,UL94V-0

V2:Nylon 66,UL94V-2

GWT:Nylon 66,UL94V-0,GWT 750°C

Unit: mm

HDGC4502HM	HDGC4502HF
 HDGC4502HM-2P	*Suitable Retainer: HDGC4502S-2P  HDGC4502HF-2P
 HDGC4502HMA-2P	
 HDGC4502HM-3P	*Suitable Retainer: HDGC4502S-3P  HDGC4502HF-3P
 HDGC4502HMA-3P	



HDGC4502 Series 4.50mm (.177") Pitch Wire to Wire Connector

HDGC4502H

4.50mm Pitch Housing

Reference Informations:

*Material: Nylon 66, UL94V-0

*HDGC4502HM (Suitable Terminal: HDGC4502M-T(-L))

*HDGC4502HF (Suitable Terminal: HDGC4502F-T(-L))

*Color: White

Ordering Information:

HDGC4502HF-2xXP - ***

1. Part No. 2

2. Material:

(blank): Nylon 66, UL94V-0

V2: Nylon 66, UL94V-2

GWT: Nylon 66, UL94V-0, GWT 750°C

Ordering Information:

HDGC4502HM<HMA>-2xXP - ***

1. Part No. 2

2. Material:

(blank): Nylon 66, UL94V-0

V2: Nylon 66, UL94V-2

GWT: Nylon 66, UL94V-0, GWT 750°C

Unit: mm

HDGC4502HM	HDGC4502HF
HDGC4502HM-4P	*Suitable Retainer: HDGC4502S-3P HDGC4502HF-4P
HDGC4502HMA-4P	
HDGC4502HM-2x2P	*Suitable Retainer: HDGC4502S-2P HDGC4502HF-2x2P
HDGC4502HMA-2x2P	



HDGC4502 Series 4.50mm (.177") Pitch Wire to Wire Connector

HDGC4502H

4.50mm Pitch Housing

Reference Informations:

*Material: Nylon 66, UL94V-0

*HDGC4502HM (Suitable Terminal: HDGC4502M-T(-L))

*HDGC4502HF (Suitable Terminal: HDGC4502F-T(-L))

*Color: White

Ordering Information:

HDGC4502HF-3xXP - ***

1 2

1. Part No.

2. Material:

(blank): Nylon 66, UL94V-0

V2: Nylon 66, UL94V-2

GWT: Nylon 66, UL94V-0, GWT 750°C

Ordering Information:

HDGC4502HM<HMA>-3xXP - ***

1 2

1. Part No.

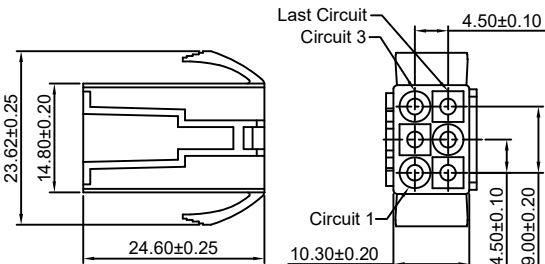
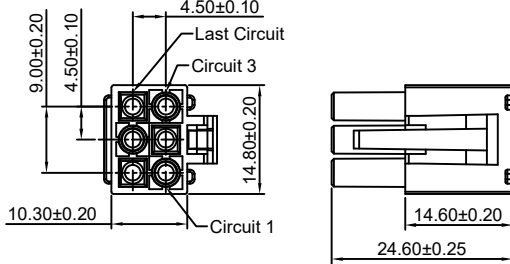
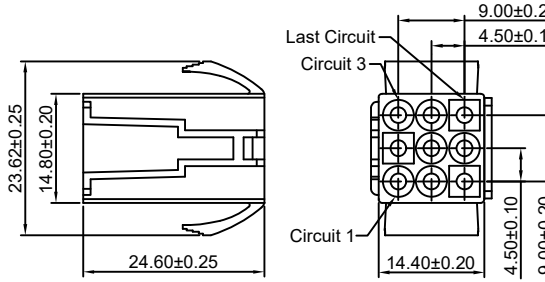
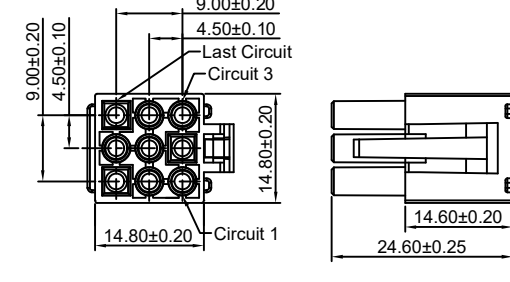
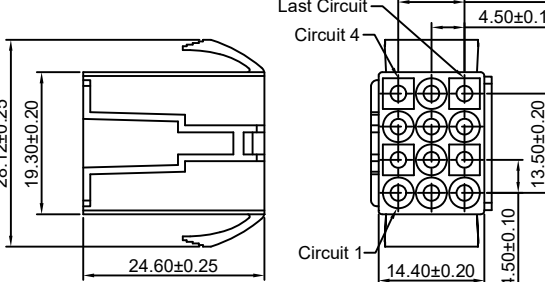
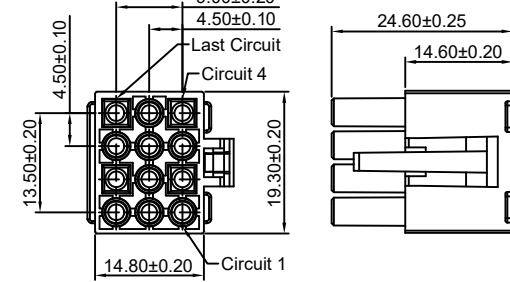
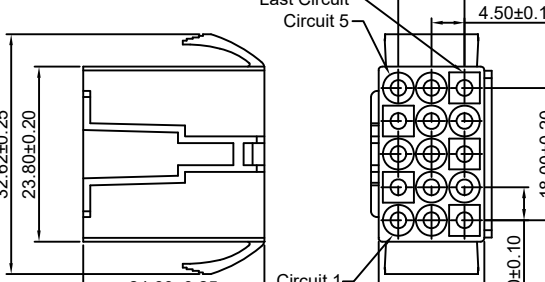
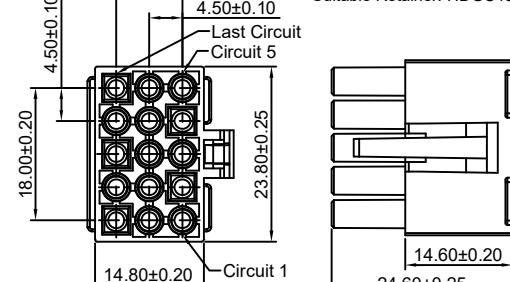
2. Material:

(blank): Nylon 66, UL94V-0

V2: Nylon 66, UL94V-2

GWT: Nylon 66, UL94V-0, GWT 750°C

Unit: mm

HDGC4502HM	HDGC4502HF
 HDGC4502HM-2x3P	*Suitable Retainer: HDGC4502S-3P  HDGC4502HF-2x3P
 HDGC4502HM-3x3P	*Suitable Retainer: HDGC4502S-3P  HDGC4502HF-3x3P
 HDGC4502HM-3x4P	*Suitable Retainer: HDGC4502S-3P  HDGC4502HF-3x4P
 HDGC4502HM-3x5P	*Suitable Retainer: HDGC4502S-3P  HDGC4502HF-3x5P



HDGC4502 Series 4.50mm (.177") Pitch Wire to Wire Connector

HDGC4502S-XP

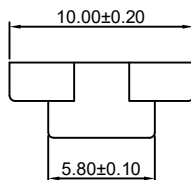
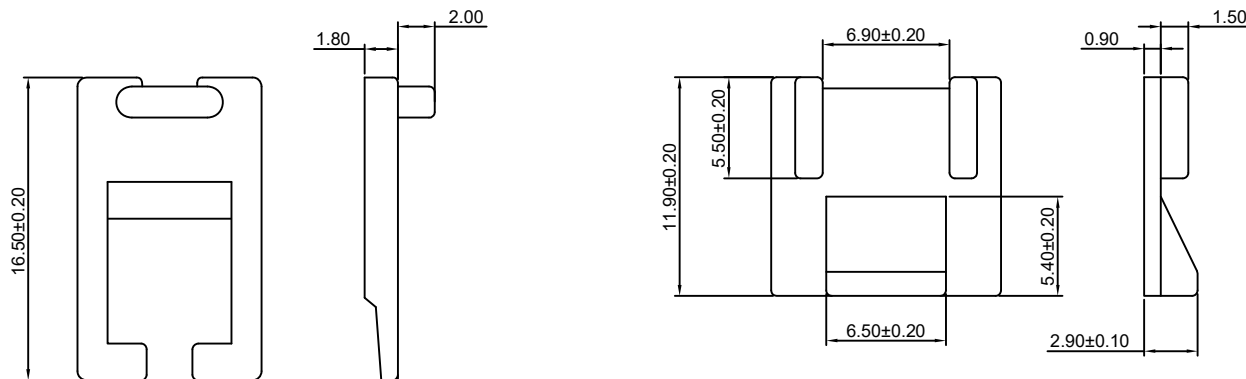
4.50mm pitch Retainer

Reference Informations:

*Material: Nylon 66, UL94V-2

*Used in HDGC4502HF Series Housing

*Color: Black



HDGC4502S-2P

Ordering Information:
HDGC4502S-XP - ***
1 2

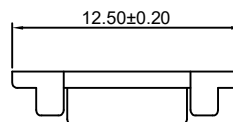
1. Part No.

2. Material:

(blank): Nylon 66, UL94V-2

V0: Nylon 66, UL94V-0

GWT: Nylon 66, UL94V-0, GWT 750°C



HDGC4502S-3P

Unit: mm



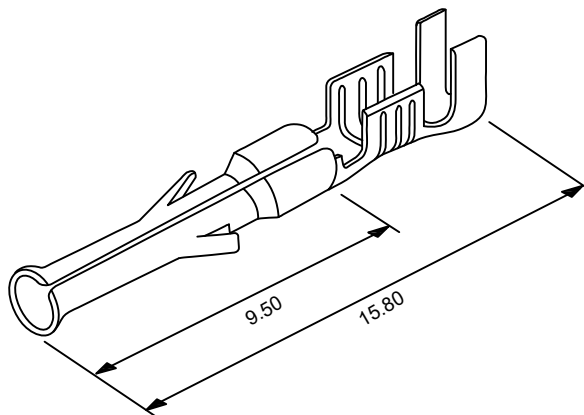
HDGC4502 Series 4.50mm (.177") Pitch Wire to Wire Connector

HDGC4502AF-T

4.50mm pitch Crimp Terminal

Reference Informations:

*Used in HDGC4502AHF series Housing



Ordering information & Specifications:

Unit:mm

Part NO	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
HDGC4502AF-TB	AWG#16-#20	3.40mm(max)	Brass	Tin over Nickel	3,500 PCS
HDGC4502AF-GB	AWG#16-#20	3.40mm(max)	Brass	Gold over Nickel	3,500 PCS

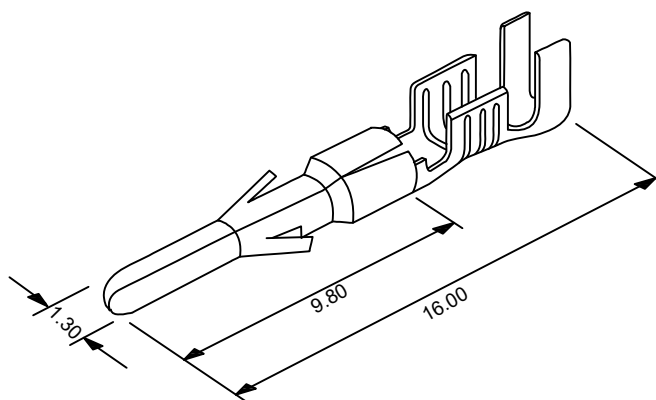
Optional Gold plating available but MOQ requested

HDGC4502AM-T

4.50mm pitch Crimp Terminal

Reference Informations:

*Used in HDGC4502AHM,HDGC4502AHMA series Housing



Ordering information & Specifications:

Unit:mm

Part NO	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
HDGC4502AM-TB	AWG#16-#20	3.40mm(max)	Brass	Tin over Nickel	3,500 PCS
HDGC4502AM-GB	AWG#16-#20	3.40mm(max)	Brass	Gold over Nickel	3,500 PCS

Optional Gold plating available but MOQ requested



HDGC4502 Series 4.50mm (.177") Pitch Wire to Wire Connector

HDGC4502H

4.50mm Pitch Housing

Reference Informations:

*Material:Nylon 66,UL94V-2

HDGC4502AHM(Suitable Terminal: HDGC4502AM-T)

HDGC4502AHF(Suitable Terminal: HDGC4502AF-T)

*Color:Light green

Ordering Information:

HDGC4502AHF-XP - ***

1 2

1.Part No.

2.Material:

(blank):Nylon 66,UL94V-2

V0:Nylon 66,UL94V-0

GWT:Nylon 66,UL94V-0,GWT 750°C

Ordering Information:

HDGC4502AHM<AHMA>-XP - ***

1 2

1.Part No.

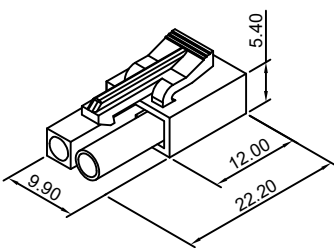
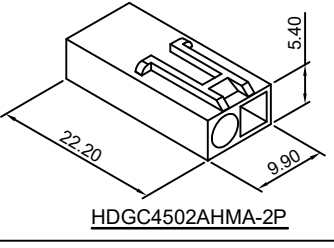
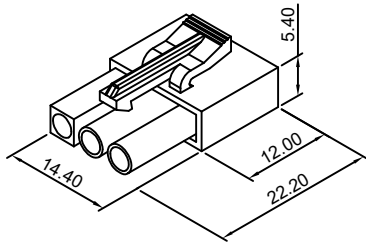
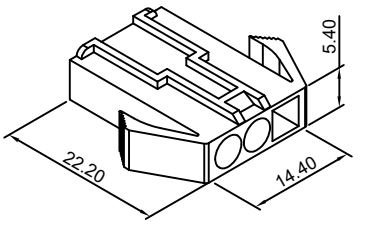
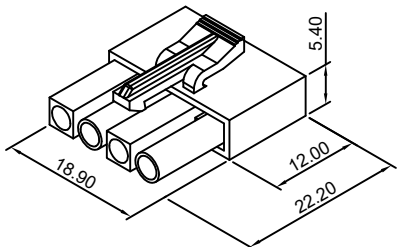
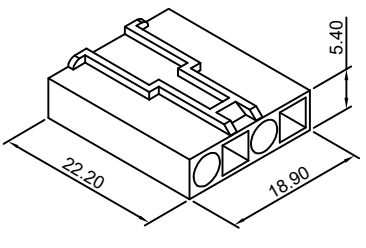
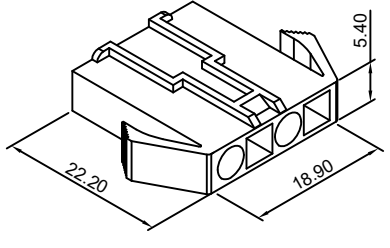
2.Material:

(blank):Nylon 66,UL94V-2

V0:Nylon 66,UL94V-0

GWT:Nylon 66,UL94V-0,GWT 750°C

Unit: mm

HDGC4502AHF	HDGC4502AHM
 <u>HDGC4502AHF-2P</u>	 <u>HDGC4502AHMA-2P</u>
 <u>HDGC4502AHF-3P</u>	 <u>HDGC4502AHM-3P</u>
 <u>HDGC4502AHF-4P</u>	 <u>HDGC4502AHMA-4P</u>
	 <u>HDGC4502AHM-4P</u>



HDGC4502 Series 4.50mm (.177") Pitch Wire to Wire Connector

HDGC4502H

4.50mm Pitch Housing

Reference Informations:

*Material:Nylon 66,UL94V-2

HDGC4502AHM(Suitable Terminal: HDGC4502AM-T)

HDGC4502AHF(Suitable Terminal: HDGC4502AF-T)

*Color:Light green

Ordering Information:

HDGC4502AHF-2xXP - ***

1 2

1.Part No.

2.Material:

(blank):Nylon 66,UL94V-2

V0:Nylon 66,UL94V-0

GWT:Nylon 66,UL94V-0,GWT 750°C

Ordering Information:

HDGC4502AHM<AHMA>-2xXP - ***

1 2

1.Part No.

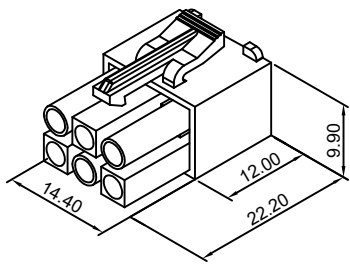
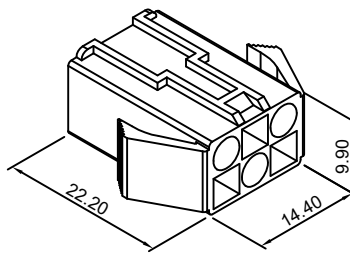
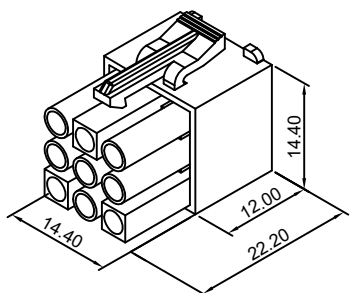
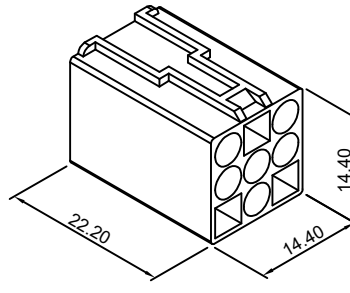
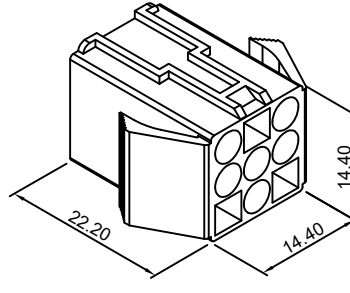
2.Material:

(blank):Nylon 66,UL94V-2

V0:Nylon 66,UL94V-0

GWT:Nylon 66,UL94V-0,GWT 750°C

Unit: mm

HDGC4502AHF	HDGC4502AHM
 HDGC4502AHF-2x3P	 HDGC4502AHM-2x3P
 HDGC4502AHF-3x3P	 HDGC4502AHMA-3x3P
	 HDGC4502AHM-3x3P



HDGC4502 Series 4.50mm (.177") Pitch Wire to Wire Connector

HDGC4502H

4.50mm Pitch Housing

Reference Informations:

*Material:Nylon 66,UL94V-2

HDGC4502AHM(Suitable Terminal: HDGC4502AM-T)

HDGC4502AHF(Suitable Terminal: HDGC4502AF-T)

*Color:Light green

Ordering Information:

HDGC4502AHF-3xXP - ***

1 2

1.Part No.

2.Material:

(blank):Nylon 66,UL94V-2

V0:Nylon 66,UL94V-0

GWT:Nylon 66,UL94V-0,GWT 750°C

Ordering Information:

HDGC4502AHM<AHMA>-3xXP - ***

1 2

1.Part No.

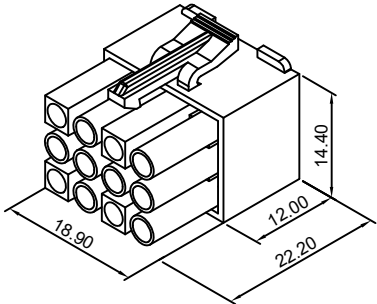
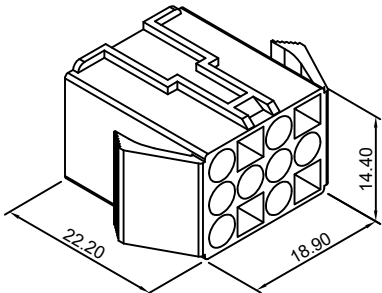
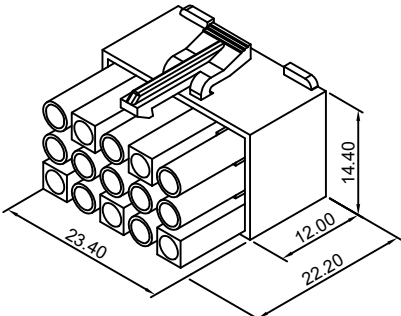
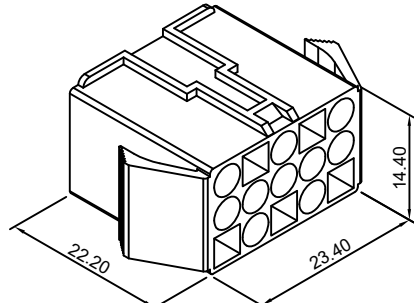
2.Material:

(blank):Nylon 66,UL94V-2

V0:Nylon 66,UL94V-0

GWT:Nylon 66,UL94V-0,GWT 750°C

Unit: mm

HDGC4502AHF	HDGC4502AHM
 HDGC4502AHF-3x4P	 HDGC4502AHM-3x4P
 HDGC4502AHF-3x5P	 HDGC4502AHM-3x5P