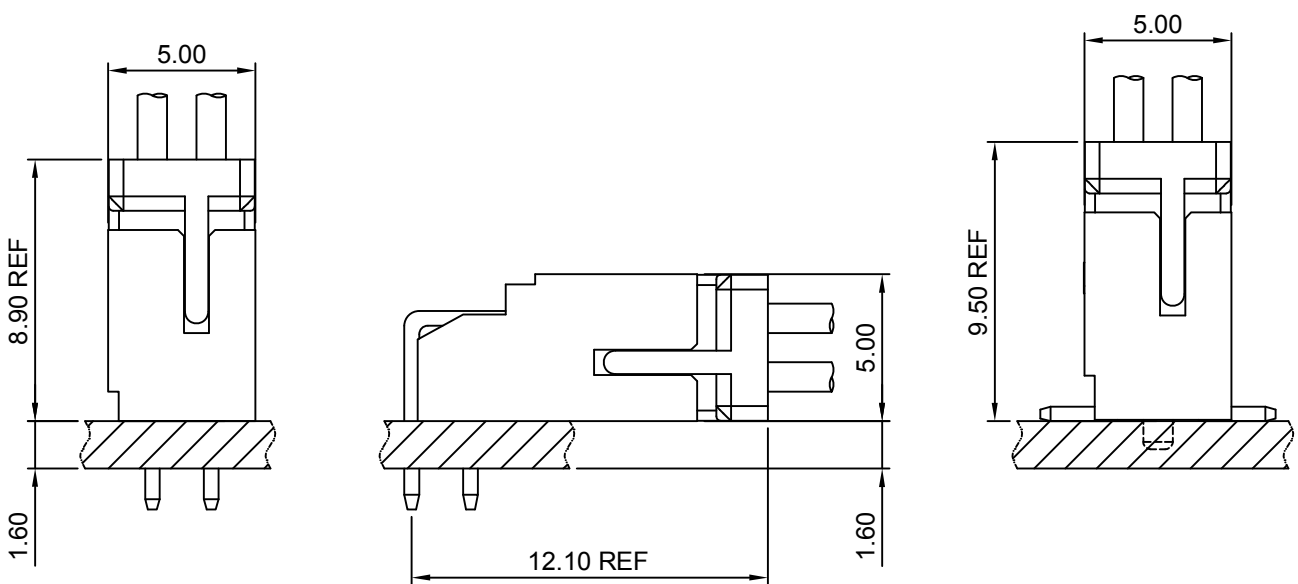


Specifications

- Current rating: 2A AC, DC
- Voltage rating: 250V AC, DC
- Temperature range: -25~+85°C
- Contact resistance: 30mΩMax.
- Insulation resistance: 1000MΩMin.
- Withstanding voltage: 800V AC/minute
- *Compliant with RoHS and REACH*
- *Meet the HF/Halogen Free, need to customize*
- *Contact HDGC for details*

Assembly layout



DIP TYPE

SMT TYPE



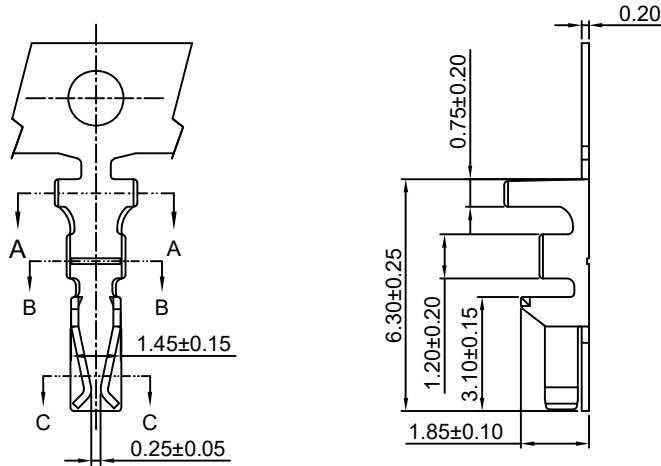
HDGC2009 Series 2.00mm (.079") Pitch Wire to Board and Wire to Wire Connector

HDGC2009-T

2.00mm pitch Crimp Terminal

Reference Informations:

*Used in HDGC2009 series Housing



Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
HDGC2009-TP	AWG#22-#30	1.45mm(max)	Phosphor Bronze	Tin over Nickel	10,000 PCS
HDGC2009-GP	AWG#22-#30	1.45mm(max)	Phosphor Bronze	Gold over Nickel	10,000 PCS

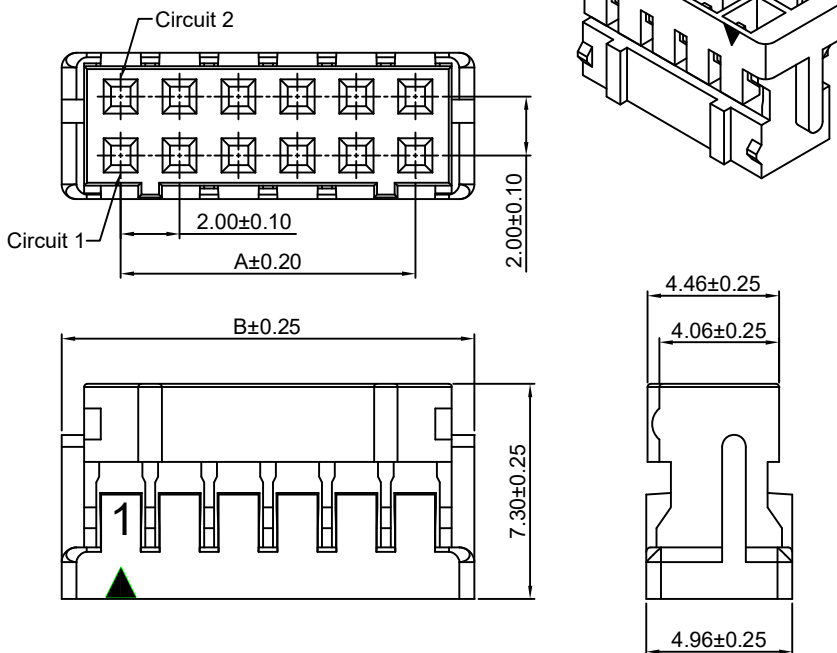
Optional Gold plating available but MOQ requested

HDGC2009H-2xXP

2.00mm pitch Dual Row Housing

Reference Informations:

- *Material:Nylon 66,UL94V-0
- *Suitable HDGC2009 series Terminal
- *Mates with HDGC2009 series Dual Row Wafer
- *Color:Black



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
HDGC2009H-2x2P	2.00	6.00
HDGC2009H-2x3P	4.00	8.00
HDGC2009H-2x4P	6.00	10.00
HDGC2009H-2x5P	8.00	12.00
HDGC2009H-2x6P	10.00	14.00
HDGC2009H-2x7P	12.00	16.00
HDGC2009H-2x8P	14.00	18.00
HDGC2009H-2x9P	16.00	20.00
HDGC2009H-2x10P	18.00	22.00
HDGC2009H-2x11P	20.00	24.00
HDGC2009H-2x12P	22.00	26.00
HDGC2009H-2x13P	24.00	28.00
HDGC2009H-2x14P	26.00	30.00
HDGC2009H-2x15P	28.00	32.00
HDGC2009H-2x16P	30.00	34.00
HDGC2009H-2x17P	32.00	36.00
HDGC2009H-2x18P	34.00	38.00
HDGC2009H-2x19P	36.00	40.00
HDGC2009H-2x20P	38.00	42.00

Unit: mm



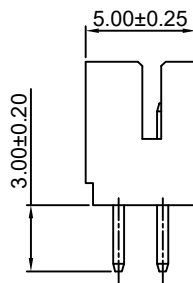
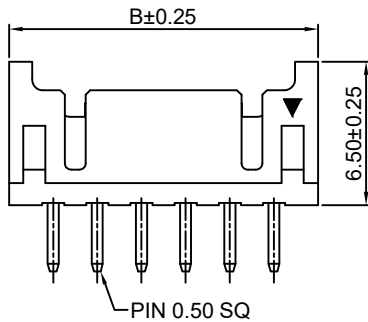
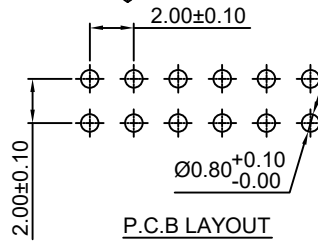
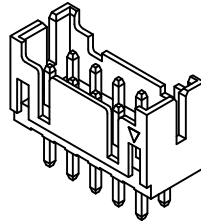
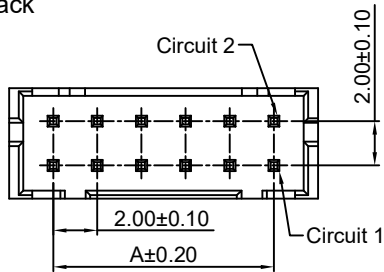
HDGC2009 Series 2.00mm (.079") Pitch Wire to Board and Wire to Wire Connector

HDGC2009WV-2xXP

2.00mm pitch 180° Dual Row Wafer

Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 66, UL94V-0
- *Mates with HDGC2009 series Housing
- *Color: Black



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
HDGC2009WV-2x2P	2.00	6.00
HDGC2009WV-2x3P	4.00	8.00
HDGC2009WV-2x4P	6.00	10.00
HDGC2009WV-2x5P	8.00	12.00
HDGC2009WV-2x6P	10.00	14.00
HDGC2009WV-2x7P	12.00	16.00
HDGC2009WV-2x8P	14.00	18.00
HDGC2009WV-2x9P	16.00	20.00
HDGC2009WV-2x10P	18.00	22.00
HDGC2009WV-2x11P	20.00	24.00
HDGC2009WV-2x12P	22.00	26.00
HDGC2009WV-2x13P	24.00	28.00
HDGC2009WV-2x14P	26.00	30.00
HDGC2009WV-2x15P	28.00	32.00
HDGC2009WV-2x16P	30.00	34.00
HDGC2009WV-2x17P	32.00	36.00
HDGC2009WV-2x18P	34.00	38.00
HDGC2009WV-2x19P	36.00	40.00
HDGC2009WV-2x20P	38.00	42.00

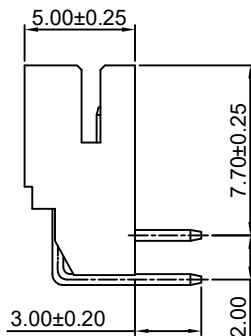
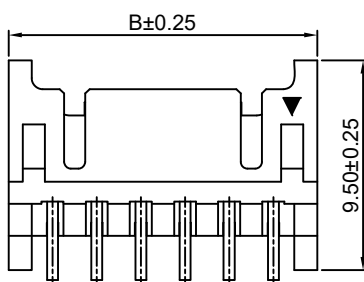
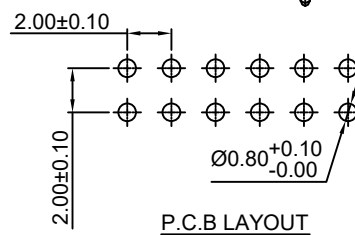
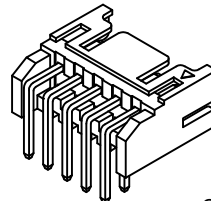
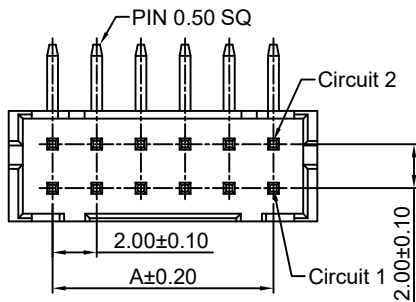
Unit: mm

HDGC2009WR-2xXP

2.00mm pitch 90° Dual Row Wafer

Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Wafer: Nylon 66, UL94V-0
- *Mates with HDGC2009 series dual row Housing
- *Color: Black



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
HDGC2009WR-2x2P	2.00	6.00
HDGC2009WR-2x3P	4.00	8.00
HDGC2009WR-2x4P	6.00	10.00
HDGC2009WR-2x5P	8.00	12.00
HDGC2009WR-2x6P	10.00	14.00
HDGC2009WR-2x7P	12.00	16.00
HDGC2009WR-2x8P	14.00	18.00
HDGC2009WR-2x9P	16.00	20.00
HDGC2009WR-2x10P	18.00	22.00
HDGC2009WR-2x11P	20.00	24.00
HDGC2009WR-2x12P	22.00	26.00
HDGC2009WR-2x13P	24.00	28.00
HDGC2009WR-2x14P	26.00	30.00
HDGC2009WR-2x15P	28.00	32.00
HDGC2009WR-2x16P	30.00	34.00
HDGC2009WR-2x17P	32.00	36.00
HDGC2009WR-2x18P	34.00	38.00
HDGC2009WR-2x19P	36.00	40.00
HDGC2009WR-2x20P	38.00	42.00

Unit: mm



HDGC2009 Series 2.00mm (.079") Pitch Wire to Board and Wire to Wire Connector

HDGC2009WV-S-2xXP — 2.00mm pitch 180° Dual Row Wafer-SMT TYPE

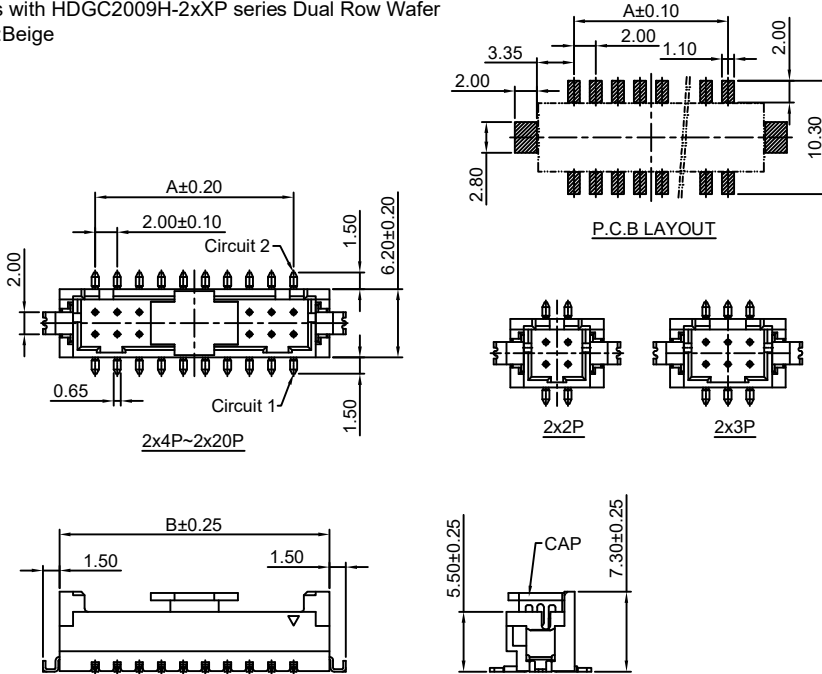
Reference Informations:

- *Material:Pin:Brass/Tin over Nickel
Insulator:Nylon 9T,UL94V-0
Cap:Nylon 46,UL94V-0(Black)
- *Mates with HDGC2009H-2xXP series Dual Row Wafer
- *Color:Beige

Ordering Information:

HDGC2009WV-S-2xXP - $\frac{***}{1} - \frac{**}{2} - \frac{**}{3}$

- 1.Part No.
- 2.Material:
(Blank):Nylon 9T,UL94V-0
GWT:Nylon 9T,UL94V-0,GWT 750°C
- 3.Finish:
(Blank):Tin over Nickel
G:Gold over Nickel

**Ordering Information & Dimensions:**

PART NO.	Dimensions	
	A	B
2x2P	2.00	8.50
2x3P	4.00	10.50
2x4P	6.00	12.50
2x5P	8.00	14.50
2x6P	10.00	16.50
2x7P	12.00	18.50
2x8P	14.00	20.50
2x9P	16.00	22.50
2x10P	18.00	24.50
2x11P	20.00	26.50
2x12P	22.00	28.50
2x13P	24.00	30.50
2x14P	26.00	32.50
2x15P	28.00	34.50
2x16P	30.00	36.50
2x17P	32.00	38.50
2x18P	34.00	40.50
2x19P	36.00	42.50
2x20P	38.00	44.50

Unit: mm



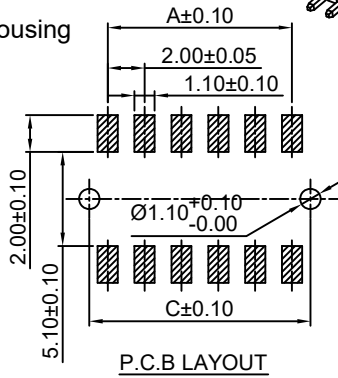
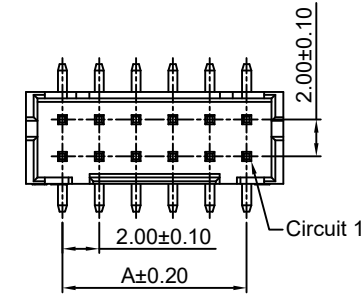
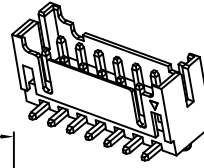
HDGC2009 Series 2.00mm (.079") Pitch Wire to Board and Wire to Wire Connector

HDGC2009WVA-S-F-2xXP

2.00mm pitch 180° Dual Row Wafer With Boss-SMT TYPE

Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 6T, UL94V-0
Cap: Nylon 6T, UL94V-0
- *Mates with HDGC2009 series Dual Row Housing
- *Color: Ivory



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
2x2P	2.00	6.00	4.00
2x3P	4.00	8.00	6.00
2x4P	6.00	10.00	8.00
2x5P	8.00	12.00	10.00
2x6P	10.00	14.00	12.00
2x7P	12.00	16.00	14.00
2x8P	14.00	18.00	16.00
2x9P	16.00	20.00	18.00
2x10P	18.00	22.00	20.00
2x11P	20.00	24.00	22.00
2x12P	22.00	26.00	24.00
2x13P	24.00	28.00	26.00
2x14P	26.00	30.00	28.00
2x15P	28.00	32.00	30.00
2x16P	30.00	34.00	32.00
2x17P	32.00	36.00	34.00
2x18P	34.00	38.00	36.00
2x19P	36.00	40.00	38.00
2x20P	38.00	42.00	40.00

Unit: mm

