

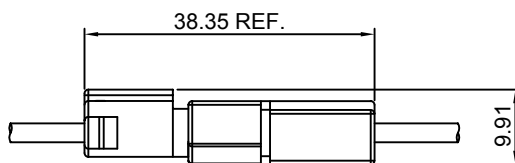
Specifications

- Current rating: 7A AC, DC
- Voltage rating: 250V AC, DC
- Temperature range: -40°C ~ +105°C
- Contact resistance: 10mΩ 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 CJT for details*

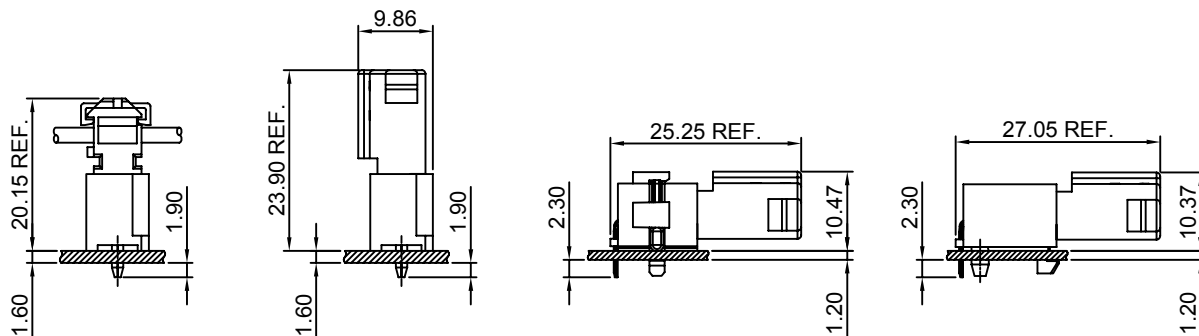
Standards



Assembly layout



WIRE TO WIRE TYPE



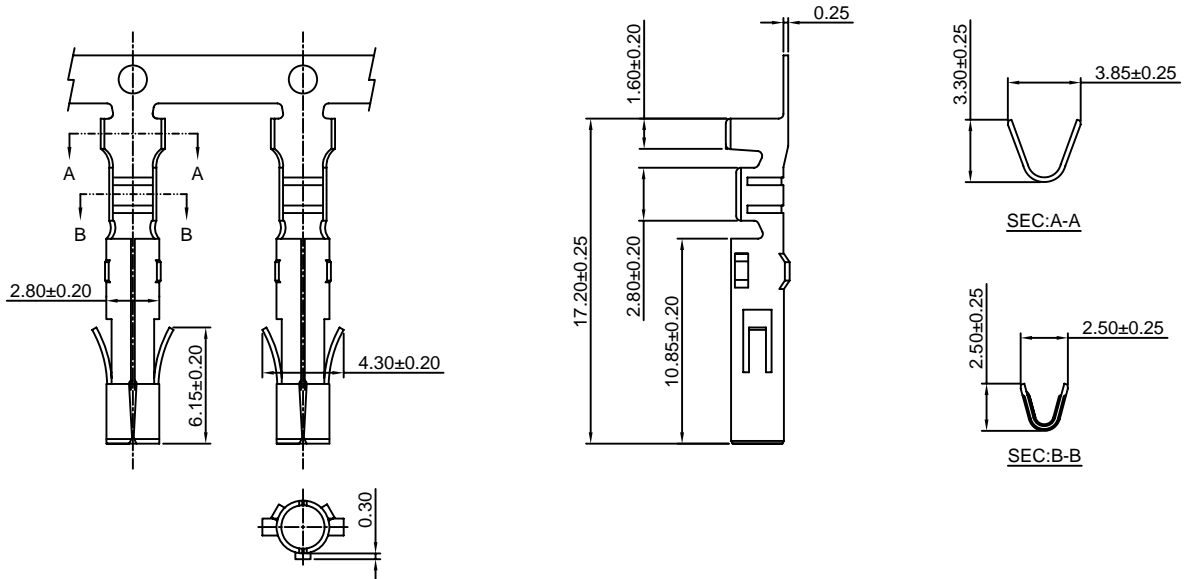
WIRE TO BOARD TYPE

C5081F-T

5.08mm pitch Crimp Terminal

Reference Informations:

*Used in CJT C5081HF-XP,C7110HF-2P series Housing



Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
C5081F-TB	AWG#18-#24	2.50mm(max)	Brass	Tin over Nickel	7,000 PCS
C5081F-TP	AWG#18-#24	2.50mm(max)	Phosphor Bronze	Tin over Nickel	7,000 PCS
C5081F-GB	AWG#18-#24	2.50mm(max)	Brass	Gold over Nickel	7,000 PCS
C5081F-GP	AWG#18-#24	2.50mm(max)	Phosphor Bronze	Gold over Nickel	7,000 PCS

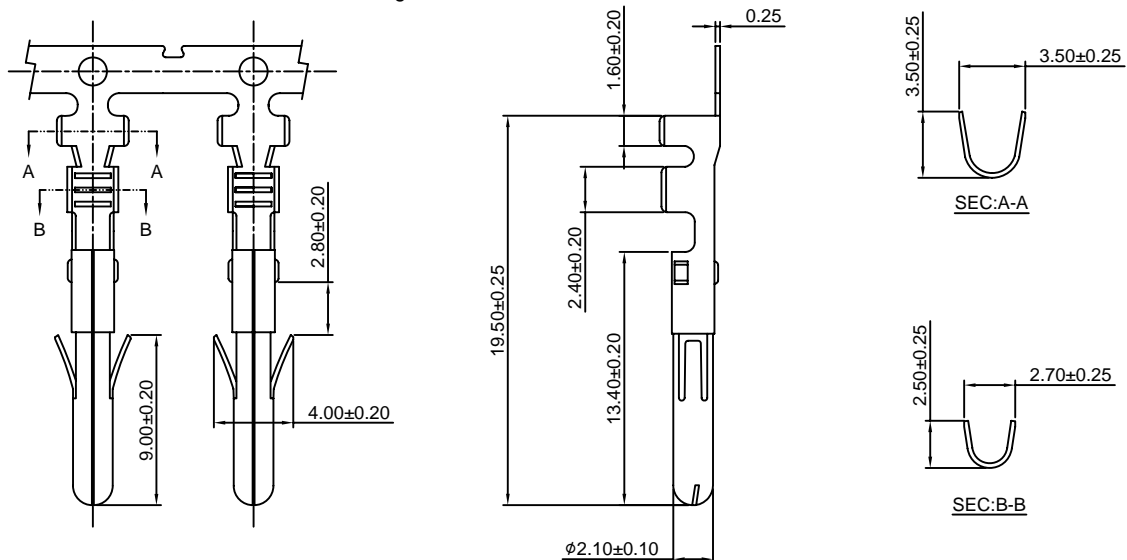
Optional Gold plating available but MOQ requested

C5081M-T

5.08mm pitch Crimp Terminal

Reference Informations:

*Used in CJT C5081HM-XP,C7110HM-2P series Housing



Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
C5081M-TB	AWG#18-#24	2.50mm(max)	Brass	Tin over Nickel	7,000 PCS
C5081M-TP	AWG#18-#24	2.50mm(max)	Phosphor Bronze	Tin over Nickel	7,000 PCS
C5081M-GB	AWG#18-#24	2.50mm(max)	Brass	Gold over Nickel	7,000 PCS
C5081M-GP	AWG#18-#24	2.50mm(max)	Phosphor Bronze	Gold over Nickel	7,000 PCS

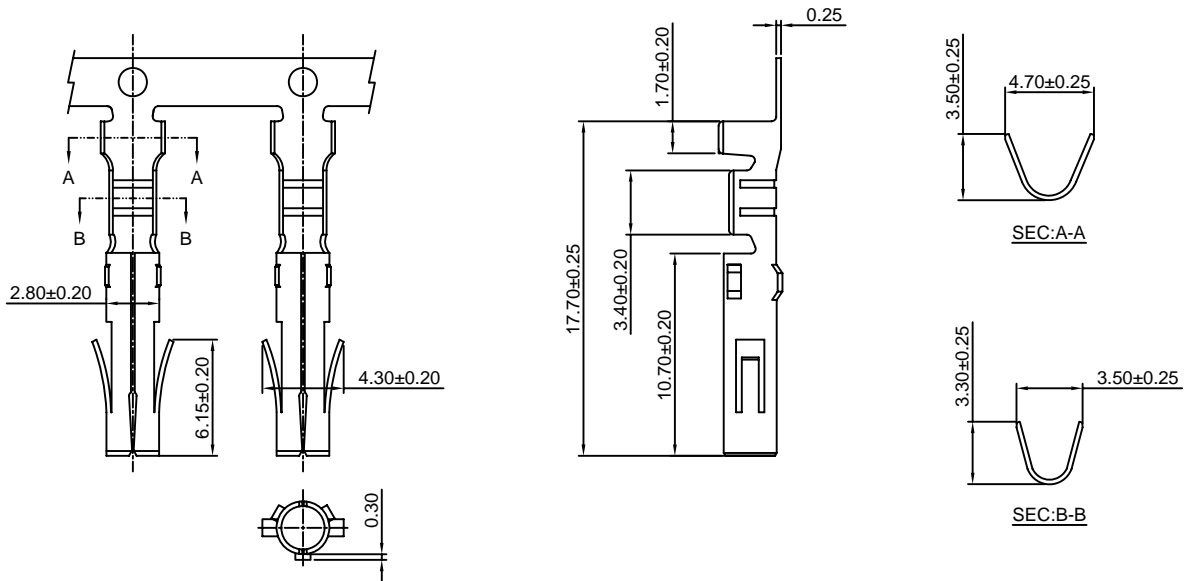
Optional Gold plating available but MOQ requested

C5081F-T-H

5.08mm pitch Crimp Terminal

Reference Informations:

*Used in CJT C5081HF-XP,C7110HF-2P series Housing



Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
C5081F-TB-H	AWG#14-#20	3.30mm(max)	Brass	Tin over Nickel	6,000 PCS
C5081F-TP-H	AWG#14-#20	3.30mm(max)	Phosphor Bronze	Tin over Nickel	6,000 PCS
C5081F-GB-H	AWG#14-#20	3.30mm(max)	Brass	Gold over Nickel	6,000 PCS
C5081F-GP-H	AWG#14-#20	3.30mm(max)	Phosphor Bronze	Gold over Nickel	6,000 PCS

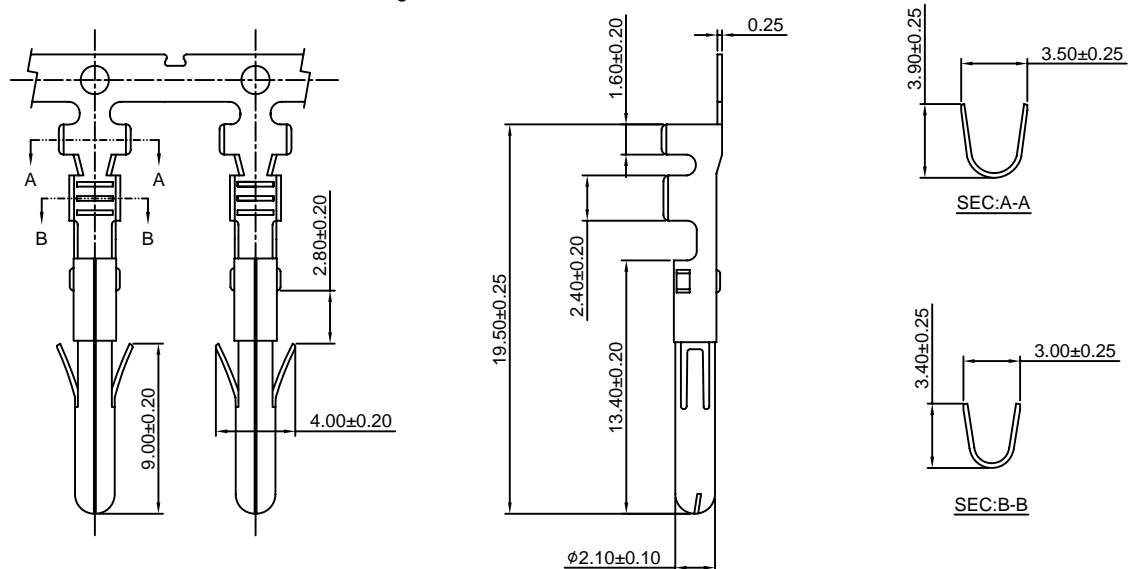
Optional Gold plating available but MOQ requested

C5081M-T-H

5.08mm pitch Crimp Terminal

Reference Informations:

*Used in CJT C5081HM-XP,C7110HM-2P series Housing



Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
C5081M-TB-H	AWG#14-#20	3.30mm(max)	Brass	Tin over Nickel	6,000 PCS
C5081M-TP-H	AWG#14-#20	3.30mm(max)	Phosphor Bronze	Tin over Nickel	6,000 PCS
C5081M-GB-H	AWG#14-#20	3.30mm(max)	Brass	Gold over Nickel	6,000 PCS
C5081M-GP-H	AWG#14-#20	3.30mm(max)	Phosphor Bronze	Gold over Nickel	6,000 PCS

Optional Gold plating available but MOQ requested

C5081HF-XP

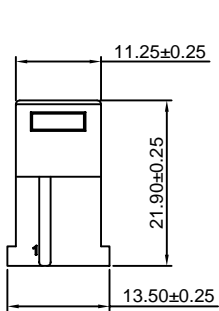
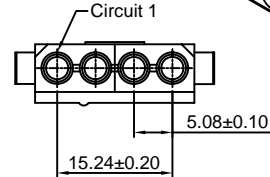
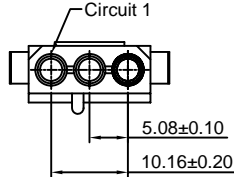
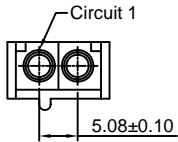
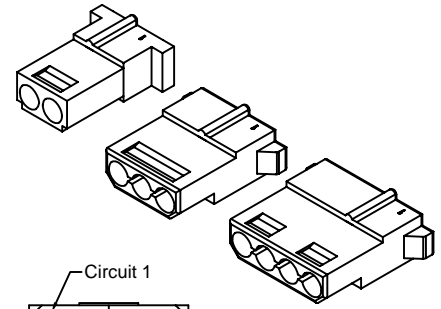
5.08mm pitch Housing

Reference Informations:

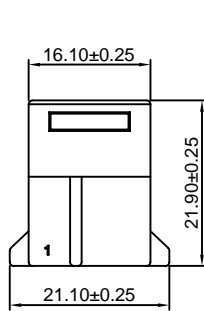
- *Material: Nylon 66, UL94V-2
- *Suitable CJT C5081F-T(-H) series Terminal
- *Mates with CJT C5081HM-XP series Housing or C5081WV-XP, WR-4P, C5081WV-F, WR-F-4P, C5081WV, WR-4P-R series Wafer
- *Color: Natural

Ordering Information:

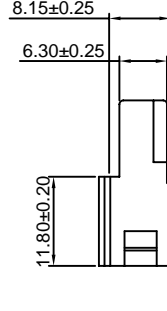
- C5081HF-XP - ***
1 2
- 1. Part No.
- 2. Material:
(blank): Nylon 66, UL94V-2
V0: Nylon 66, UL94V-0
GWT: Nylon 66, UL94V-0, GWT 750°C



C5081HF-2P



C5081HF-3P



C5081HF-4P

C5081HM-XP

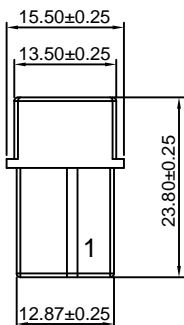
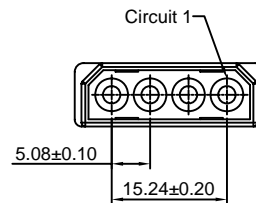
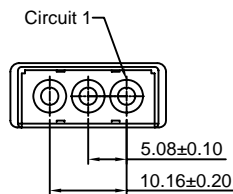
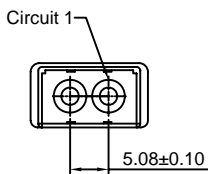
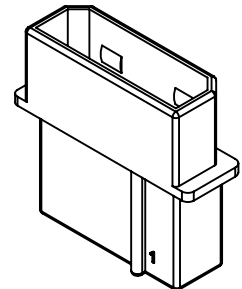
5.08mm pitch Housing

Reference Informations:

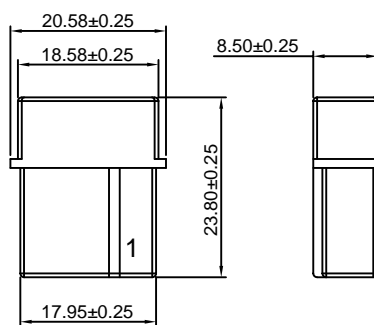
- *Material: Nylon 66, UL94V-2
- *Suitable CJT C5081M-T(-H) series Terminal
- *Mates with CJT C5081HF-XP series Housing or C5081HI-4P series I.D.C Connector or C5081HFVW-XP series Wafer
- *Color: Natural

Ordering Information:

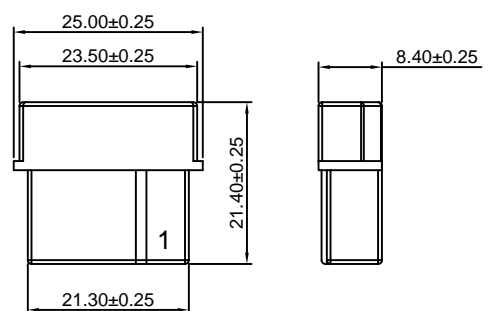
- C5081HM-XP - ***
1 2
- 1. Part No.
- 2. Material:
(blank): Nylon 66, UL94V-2
V0: Nylon 66, UL94V-0
GWT: Nylon 66, UL94V-0, GWT 750°C



C5081HM-2P



C5081HM-3P



C5081HM-4P

C5081HFWV-XP

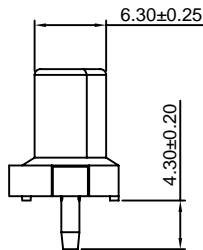
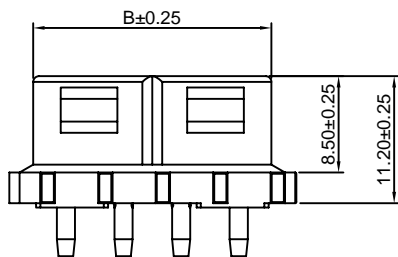
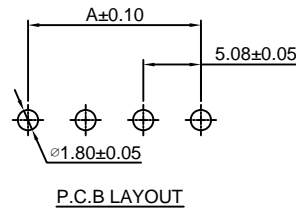
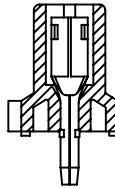
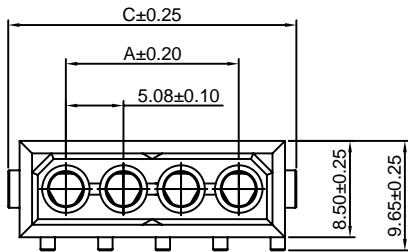
5.08mm pitch 180° Wafer

Reference Informations:

- *Material:Pin:Phosphor Bronze/Tin over Nickel
Insulator:Nylon 66,UL94V-2
- *Mates with CJT C5081HM-XP series Housing or C5081WV-XP, C5081WR-4P,C5081WV-F,WR-F-4P series Wafer
- *Color:Natural

Ordering Information:

- C5081HFWV-XP - *** - **
 $\frac{1}{2} \frac{3}{3}$
- 1.Part No.
 - 2.Material:
(blank):Nylon 66,UL94V-2
V0:Nylon 66,UL94V-0
GWT:Nylon 66,UL94V-0,GWT 750°C
 - 3.Finish:
(blank):Tin over Nickel
G:Gold over Nickel



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
2P	5.08	10.84	15.24
3P	10.16	15.92	20.30
4P	15.24	21.00	25.40

Unit: mm

C5081HI-4P

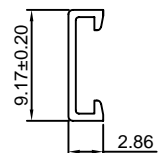
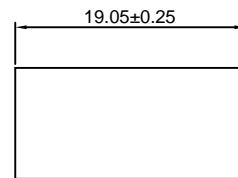
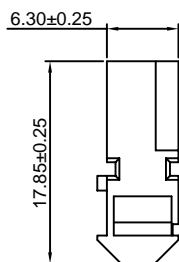
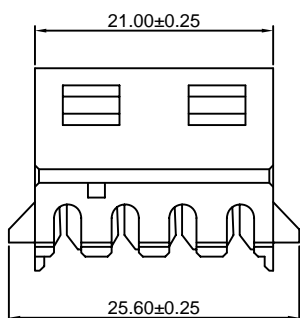
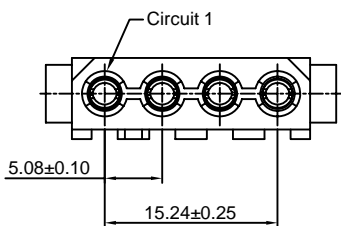
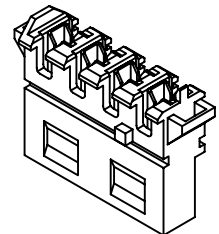
5.08mm pitch Insulation Displacement Connector

Reference Informations:

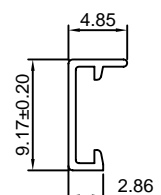
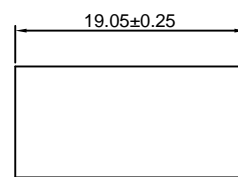
- *Material:Terminal:Phosphor Bronze/Tin over Nickel
Housing:Nylon 66,UL94V-2
Cap:Nylon 66,UL94V-2
- *Mates with CJT C5081HM-XP series Housing or C5081WV-XP,WR-4P,C5081WV-F,WR-F-4P, C5081WV,WR-4P-R series Wafer
- *Color:Natural

Ordering Information:

- C5081HI-4P - *** - ** - **
 $\frac{1}{2} \frac{3}{3} \frac{4}{4}$
- 1.Part No.
 - 2.Material:
(blank):Nylon 66,UL94V-2
V0:Nylon 66,UL94V-0
GWT:Nylon 66,UL94V-0,GWT 750°C
 - 3.AWG of Wire:
(blank):-AWG#16
18:-AWG#18
20:-AWG#20
22:-AWG#22
 - 4.Finish:
(blank):Tin over Nickel
G:Gold over Nickel



C5081HI-C(Through type)



C5081HI-CA(End type)

C5081WV-XP

5.08mm pitch 180° Wafer

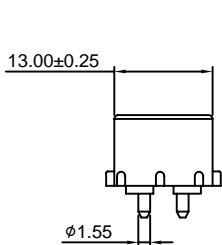
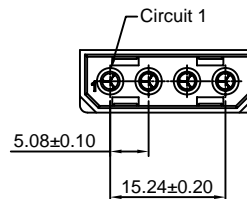
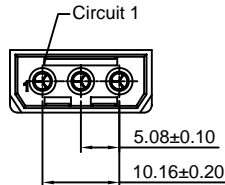
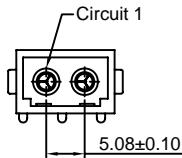
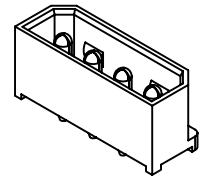
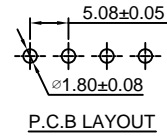
Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 66, UL94V-2
- *Mates with CJT C5081HF-XP series Housing or C5081HI-4P series I.D.C Connector
- *Color: Natural

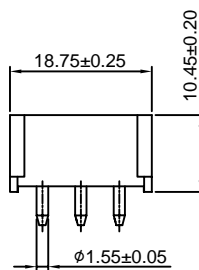
Ordering Information:

C5081WV-XP - *** - **
1 2 3

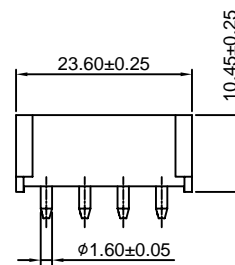
1. Part No.
2. Material:
(blank): Nylon 66, UL94V-2
VQ: Nylon 66, UL94V-0
GWT: Nylon 66, UL94V-0, GWT 750°C
3. Finish:
(blank): Tin over Nickel
G: Gold over Nickel



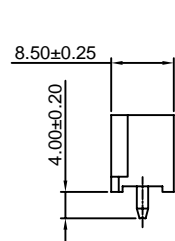
2P



3P



4P



C5081WV-F-4P

5.08mm pitch 180° Wafer

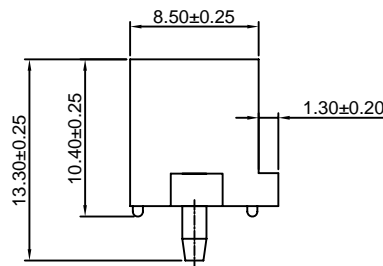
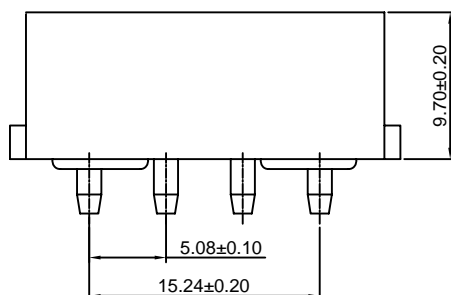
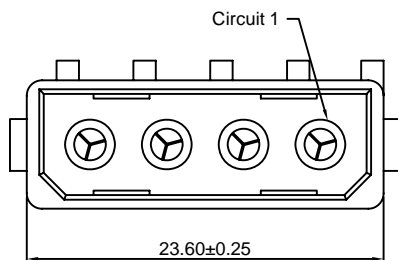
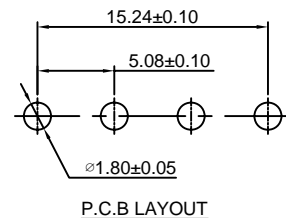
Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 66, UL94V-2
- *Mates with CJT C5081HF-XP series Housing or C5081HI-4P series I.D.C Connector
- *Color: Natural

Ordering Information:

C5081WV-F-4P - *** - ** - *
1 2 3 4

1. Part No.
2. Material:
(blank): Nylon 66, UL94V-2
VQ: Nylon 66, UL94V-0
GWT: Nylon 66, UL94V-0, GWT 750°C
3. Color:
(blank): Natural
BK: Black
RD: Red
4. Finish:
(blank): Tin over Nickel
G: Gold over Nickel



C5081WV-4P-R

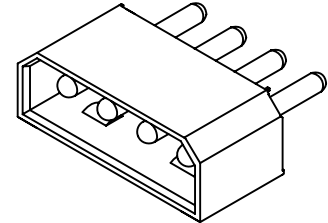
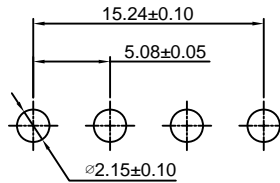
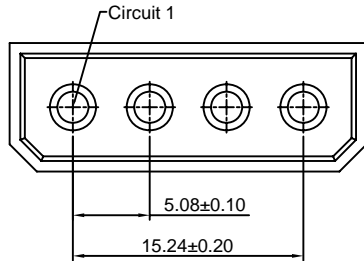
5.08mm pitch 180° Wafer-Reverse Type

Reference Informations:

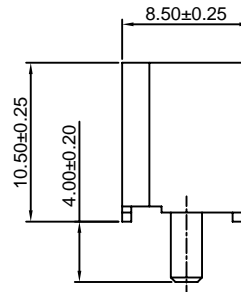
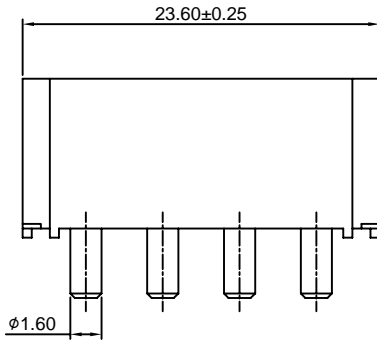
- *Material:Pin:Brass/Tin over Nickel
Metal Band:Brass/Tin over Nickel
Insulator:Nylon 66,UL94V-2
- *Mates with CJT C5081HF-XP series Housing
or C5081HI-4P series I.D.C Connector
- *Color:Black

Ordering Information:

- C5081WV-4P-R - *** - *
1 2 3
- 1.Part No.
 - 2.Material:
(blank):Nylon 66,UL94V-2
V0:Nylon 66,UL94V-0
GWT:Nylon 66,UL94V-0,GWT 750°C
 - 3.Finish
(blank):Tin over Nickel
G:Gold over Nickel



P.C.B LAYOUT



C5081WR-4P

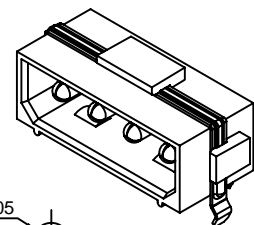
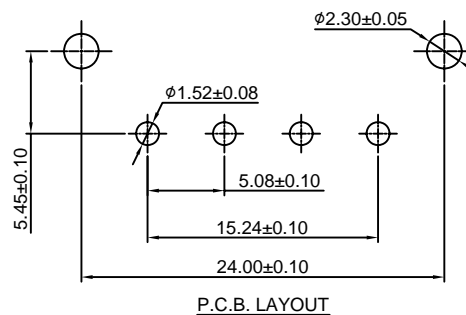
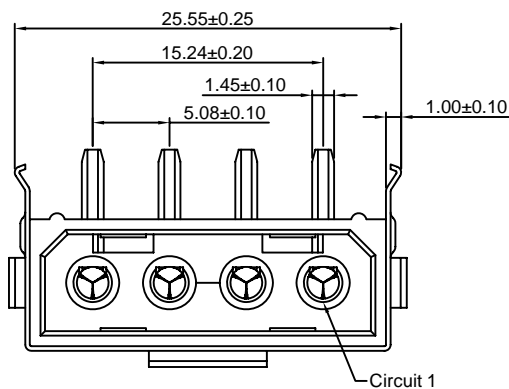
5.08mm pitch 90° Wafer

Reference Informations:

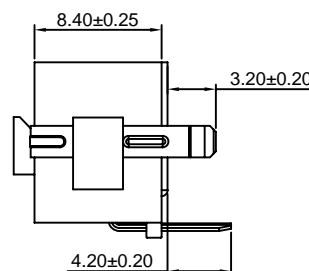
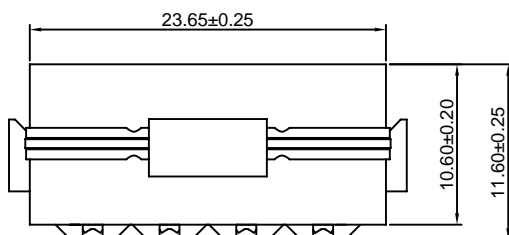
- *Material:Pin:Brass/Tin over Nickel
Metal Band:Brass/Tin over Nickel
Insulator:Nylon 66,UL94V-0
- *Mates with CJT C5081HF-XP series Housing
or C5081HI-4P series I.D.C Connector
- *Color:Black

Ordering Information:

- C5081WR-4P - *** - *
1 2 3
- 1.Part No.
 - 2.Material:
(blank):Nylon 66,UL94V-0
GWT:Nylon 66,UL94V-0,GWT 750°C
 - 3.Finish
(blank):Tin over Nickel
G:Gold over Nickel



P.C.B. LAYOUT



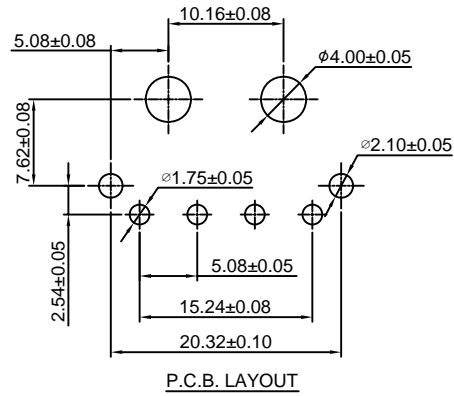
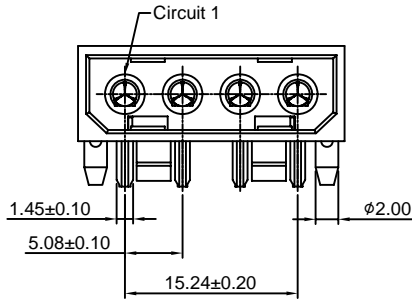
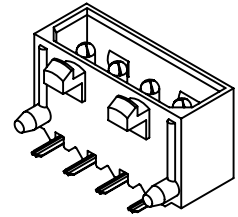
C5081WR-F-4P

5.08mm pitch 90° Wafer

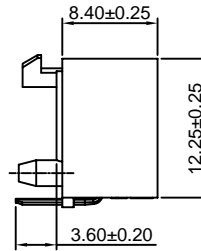
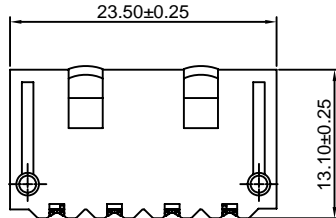
Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Insulator: Nylon 66, UL94V-2
- *Mates with CJT C5081HF-XP series Housing or C5081HI-4P series I.D.C Connector
- *Color: Natural

- Ordering Information:
C5081WR-F-4P - *** - *
1 2 3
1. Part No.
 2. Material:
(blank): Nylon 66, UL94V-2
V0: Nylon 66, UL94V-0
GWT: Nylon 66, UL94V-0, GWT 750°C
 3. Finish
(blank): Tin over Nickel
G: Gold over Nickel



P.C.B. LAYOUT



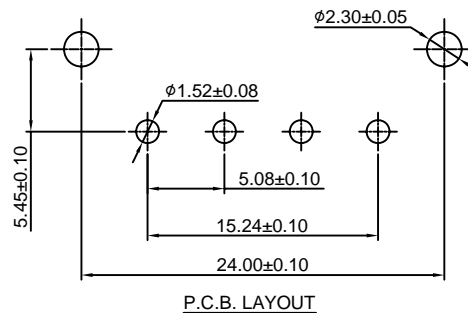
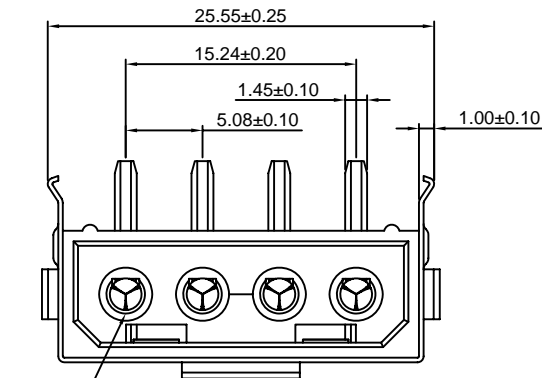
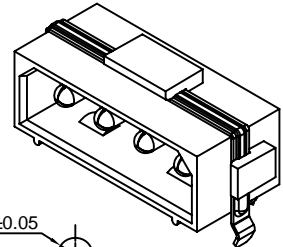
C5081WR-4P-R

5.08mm pitch 90° Wafer-Reverse Type

Reference Informations:

- *Material: Pin: Brass/Tin over Nickel
Metal Band: Brass/Tin over Nickel
Insulator: Nylon 66, UL94V-0
- *Mates with CJT C5081HF-XP series Housing or C5081HI-4P series I.D.C Connector
- *Color: Black

- Ordering Information:
C5081WR-4P-R - *** - *
1 2 3
1. Part No.
 2. Material:
(blank): Nylon 66, UL94V-0
GWT: Nylon 66, UL94V-0, GWT 750°C
 3. Finish
(blank): Tin over Nickel
G: Gold over Nickel



P.C.B. LAYOUT

