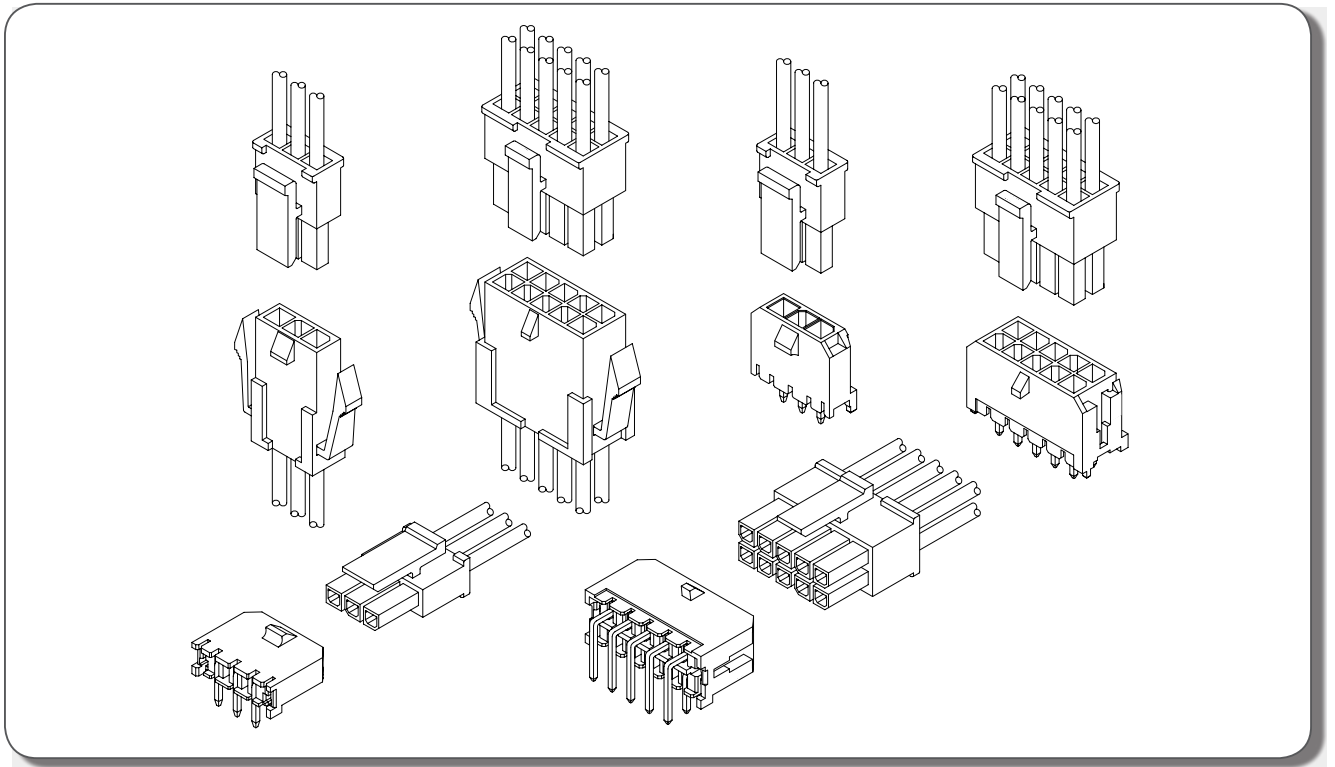




Specifications

Current Rating: 1A~5A AC,DC(Per Pin)
Voltage Rating: 250V AC,DC(Per Pin)
Temperature Range: -25°C ~ +85°C
Contact Resistance: 10mΩ Max.
Insulation Resistance: 1000MΩ Min.
Withstanding Voltage: 1500V AC/minute

Standards

Ordering Code

① ② ③ ④ ⑤
C3004 X-X X X

- ① Series No.
- ② Terminal Type: F=Female, M=Male
- ③ Plating Code: T=Tin-Plated, H=Gold/Tin-Plated
- ④ Material: P=Phosphor Bronze
E=Stamping Before Plating
- ⑤ Option Code: (Refer to Drawings)

① ② ③ ④ ⑤
C3004 XX X-2X NP

- ① Series No.
- ② Housing Type: HF=Receptacle, HM=Plug
- ③ Blank=With Mounting Ears
- ④ Blank=Single Row, 2X=Dual Row
- ⑤ No. of Circuits

① ② ③ ④ ⑤
C3004 XX-X-2X NP

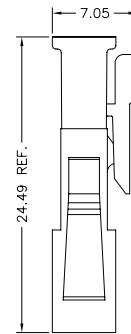
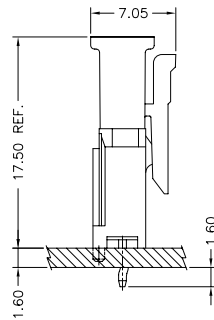
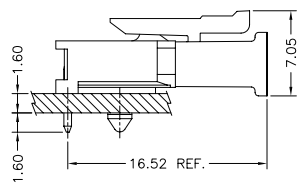
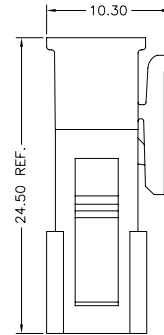
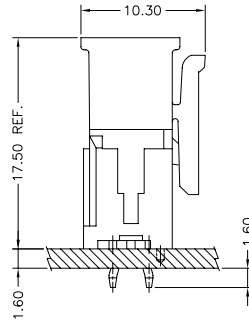
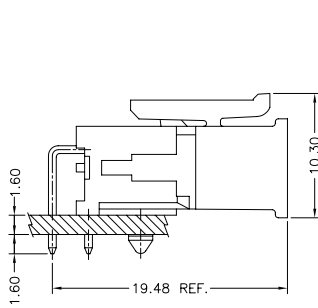
- ① Series No.
- ② Connector Type: WV=Vertical, WR=Right Angle
- ③ F=With Post
- ④ Blank=Single Row, 2X=Dual Row
- ⑤ No. of Circuits



C3004 SERIES

3.00mm Pitch Wire to Wire and Wire to Board Connector

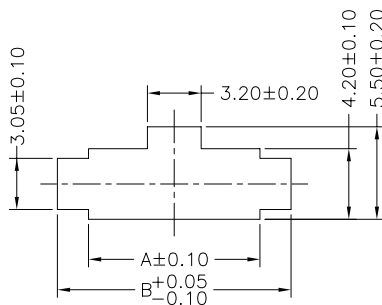
Assembly Layout



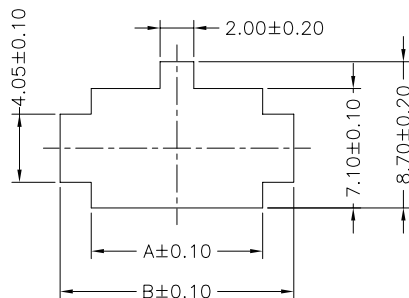
Wire To Board Type

Wire To Wire Type

Panel Hole Layout



Single Row



Dual Row

Part No.		Dimensions	
Single Row	Dual Row	A	B
——	C3004HM-2X01P	4.20	7.90
C3004HM-02P	C3004HM-2X02P	7.20	10.90
C3004HM-03P	C3004HM-2X03P	10.20	13.90
C3004HM-04P	C3004HM-2X04P	13.20	16.90
C3004HM-05P	C3004HM-2X05P	16.20	19.90
C3004HM-06P	C3004HM-2X06P	19.20	22.90
C3004HM-07P	C3004HM-2X07P	22.20	25.90
C3004HM-08P	C3004HM-2X08P	25.20	28.90
C3004HM-09P	C3004HM-2X09P	28.20	31.90
C3004HM-10P	C3004HM-2X10P	31.20	34.90
C3004HM-11P	C3004HM-2X11P	34.20	37.90
C3004HM-12P	C3004HM-2X12P	37.20	40.90

Unit:mm



C3004 SERIES

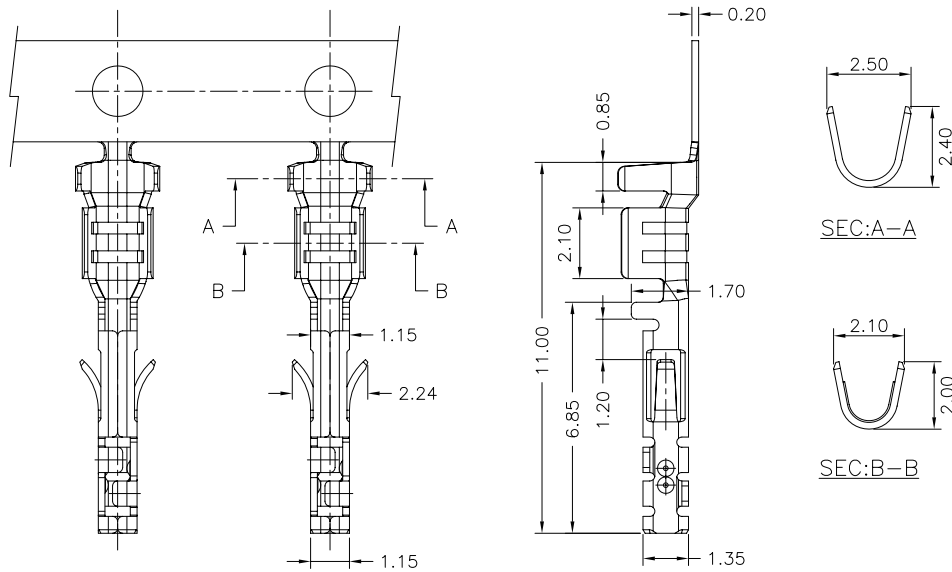
3.00mm Pitch Wire to Wire and Wire to Board Connector

C3004F-XXX

3.00mm Pitch Crimp Terminal

Reference Information:

*Used in C3004HF Series Housing



Ordering Information & Specifications:

Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/Reel
C3004F-TPE-A	AWG#20-#24	1.85mm(Max)	Phosphor Bronze	Tin-Plated	15,000Pcs
C3004F-HPE-A	AWG#20-#24	1.85mm(Max)	Phosphor Bronze	Gold-Plated	15,000Pcs
C3004F-HPE-A1	AWG#20-#24	1.85mm(Max)	Phosphor Bronze	Gold-Plated 15u"	15,000Pcs

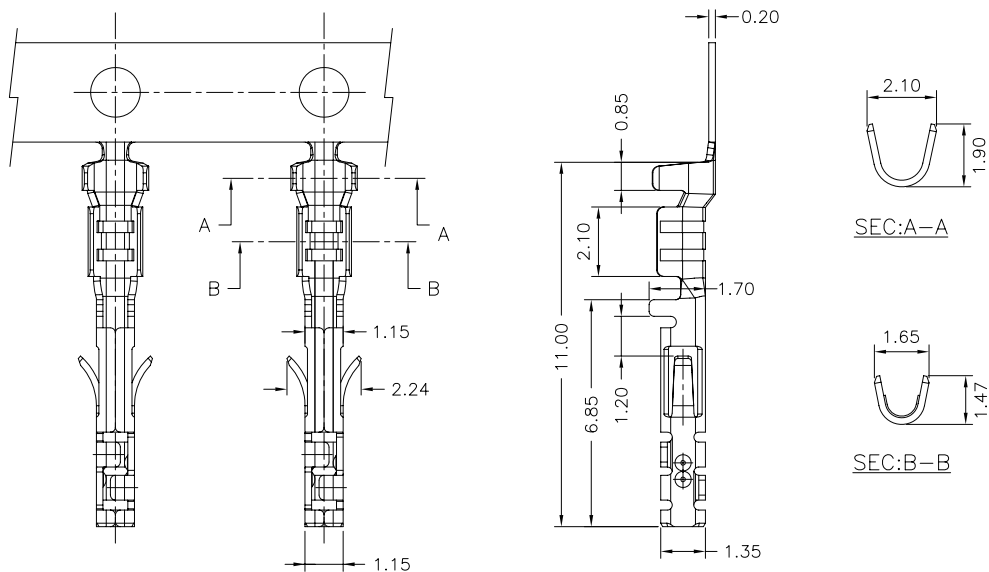
Note:E-Stamping Before Plating

C3004F-XXX

3.00mm Pitch Crimp Terminal

Reference Information:

*Used in C3004HF Series Housing



Ordering Information & Specifications:

Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/Reel
C3004F-TPE-LA	AWG#26-#30	1.27mm(Max)	Phosphor Bronze	Tin-Plated	15,000Pcs
C3004F-HPE-LA	AWG#26-#30	1.27mm(Max)	Phosphor Bronze	Gold-Plated	15,000Pcs
C3004F-HPE-LA1	AWG#26-#30	1.27mm(Max)	Phosphor Bronze	Gold-Plated 15u"	15,000Pcs

Note:E-Stamping Before Plating



C3004 SERIES

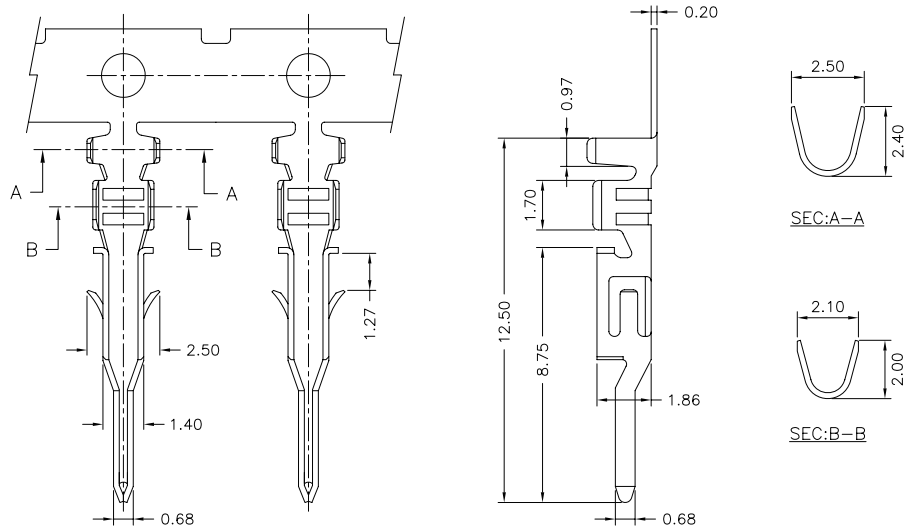
3.00mm Pitch Wire to Wire and Wire to Board Connector

C3004M-XXX

3.00mm Pitch Crimp Terminal

Reference Information:

*Used in C3004HM Series Housing



Ordering Information & Specifications:

Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/Reel
C3004M-TPE	AWG#20-#24	1.85mm(Max)	Phosphor Bronze	Tin-Plated	15,000Pcs
C3004M-HPE	AWG#20-#24	1.85mm(Max)	Phosphor Bronze	Gold-Plated	15,000Pcs
C3004M-HPE-G1	AWG#20-#24	1.85mm(Max)	Phosphor Bronze	Gold-Plated 15u"	15,000Pcs
C3004M-HPE-G2	AWG#20-#24	1.85mm(Max)	Phosphor Bronze	Gold-Plated 15u"	15,000Pcs

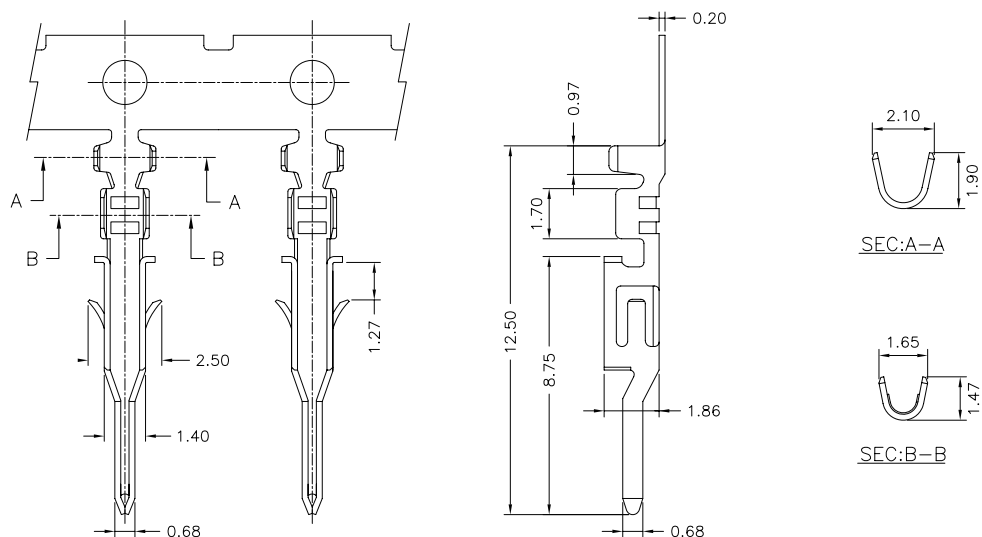
Note:E-Stamping Before Plating

C3004M-XXX

3.00mm Pitch Crimp Terminal

Reference Information:

*Used in C3004HM Series Housing



Ordering Information & Specifications:

Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/Reel
C3004M-TPE-L	AWG#26-#30	1.27mm(Max)	Phosphor Bronze	Tin-Plated	15,000Pcs
C3004M-HPE-L	AWG#26-#30	1.27mm(Max)	Phosphor Bronze	Gold-Plated	15,000Pcs

Note:E-Stamping Before Plating



C3004 SERIES

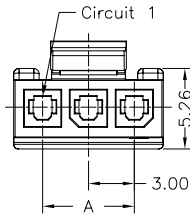
3.00mm Pitch Wire to Wire and Wire to Board Connector

C3004HF

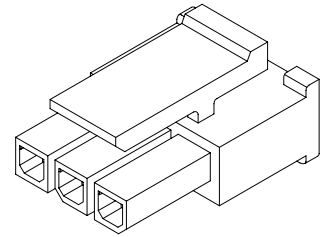
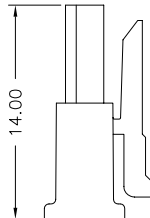
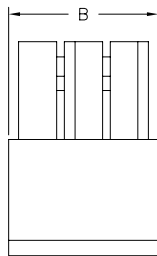
— 3.00mm Pitch Housing —

Reference Information:

- *Material: Thermoplastic
- *Suitable C3004F Series Terminal
- *Mates with C3004HM, C3030HMA Series Housing or C3030 Series Wafer



C3004HF-XP		X	X	X	XX	X	XX	X
		①	②	③	④	⑤	⑥	⑦
①		Halogen Free or Not						
②		Material						
③		Color						
④		Plating Code for Contacts						
⑤		Plating Code						
⑥		Option Code						
⑦		Packing Code						



Dimensions:

Circuit No.	Dimensions	
	A	B
02	3.00	6.80
03	6.00	9.80
04	9.00	12.80
05	12.00	15.80
06	15.00	18.80
07	18.00	21.80
08	21.00	24.80
09	24.00	27.80
10	27.00	30.80
11	30.00	33.80
12	33.00	36.80

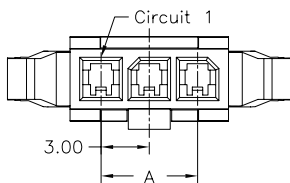
Unit:mm

C3004HM

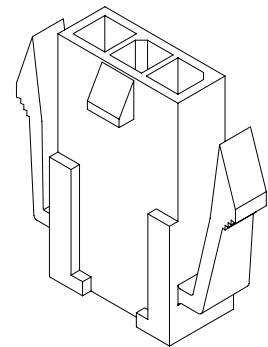
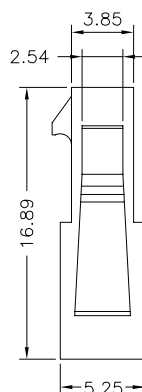
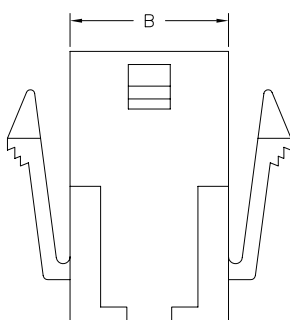
— 3.00mm Pitch Housing —

Reference Information:

- *Material: Thermoplastic
- *Suitable C3004M Series Terminal
- *Mates with C3004HF Series Housing



C3004HM-XP		X	X	X	XX	X	XX	X
		①	②	③	④	⑤	⑥	⑦
①		Halogen Free or Not						
②		Material						
③		Color						
④		Plating Code for Contacts						
⑤		Plating Code						
⑥		Option Code						
⑦		Packing Code						



Dimensions:

Circuit No.	Dimensions	
	A	B
02	3.00	6.85
03	6.00	9.85
04	9.00	12.85
05	12.00	15.85
06	15.00	18.85
07	18.00	21.85
08	21.00	24.85
09	24.00	27.85
10	27.00	30.85
11	30.00	33.85
12	33.00	36.85

Unit:mm

A
B
C
F



C3004 SERIES

3.00mm Pitch Wire to Wire and Wire to Board Connector

C3004HMA

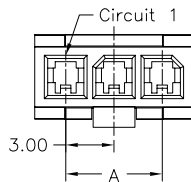
3.00mm Pitch Housing - Without Mounting Ear

Reference Information:

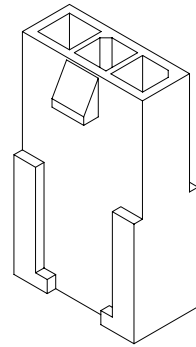
*Material: Thermoplastic

*Suitable C3004M Series Terminal

*Mates with C3004HF Series Housing



C3004HMA-XP						
	X	X	X	XX	X	XX
	①	②	③	④	⑤	⑥
①	Halogen Free or Not					
②	Material					
③	Color					
④	Plating Code for Contacts					
⑤	Plating Code					
⑥	Option Code					
⑦	Packing Code					



Dimensions:

Circuit No.	Dimensions	
	A	B
02	3.00	6.85
03	6.00	9.85
04	9.00	12.85
05	12.00	15.85
06	15.00	18.85
07	18.00	21.85
08	21.00	24.85
09	24.00	27.85
10	27.00	30.85
11	30.00	33.85
12	33.00	36.85

Unit:mm

C3004WV-F

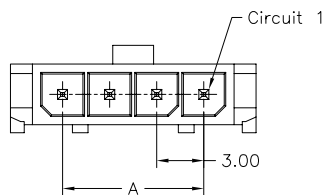
3.00mm Pitch 180° Wafer with Post

Reference Information:

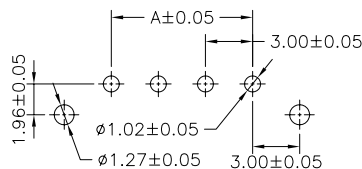
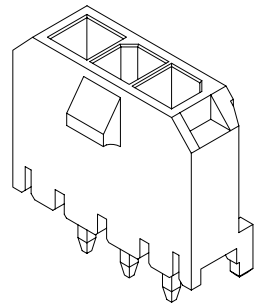
*Material: Pin: Copper Alloy

Wafer: Thermoplastic

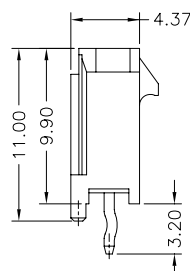
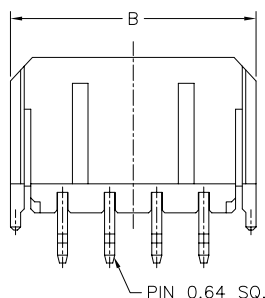
*Mates with C3004HF Series Housing



C3004WV-F-XP						
①	②	③	④	⑤	⑥	⑦
①	Halogen Free or Not					
②	Material					
③	Color					
④	Plating Code for Contacts					
⑤	Plating Code					
⑥	Option Code					
⑦	Packing Code					



PCB Layout



Dimensions:

Circuit No.	Dimensions	
	A	B
02	3.00	9.65
03	6.00	12.65
04	9.00	15.65
05	12.00	18.65
06	15.00	21.65
07	18.00	24.65
08	21.00	27.65
09	24.00	30.65
10	27.00	33.65
11	30.00	36.65
12	33.00	39.65

Unit:mm



C3004 SERIES

3.00mm Pitch Wire to Wire and Wire to Board Connector

C3004WR-F

3.00mm Pitch 90° Wafer with Post

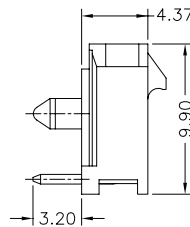
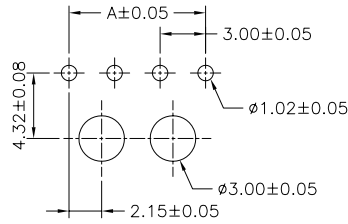
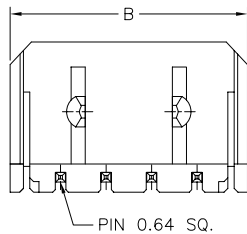
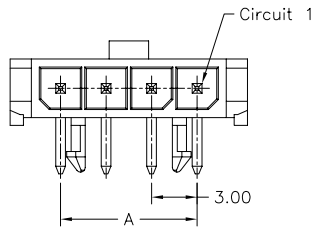
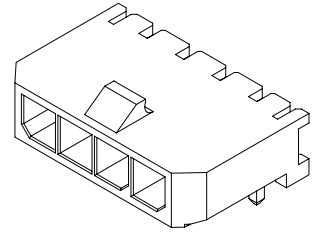
Reference Information:

*Material: Pin: Copper Alloy

Wafer: Thermoplastic

*Mates with C3004HF Series Housing

C3004WR-F-XP	X	X	X	XX	X	XX	X
	①	②	③	④	⑤	⑥	⑦
①	Halogen Free or Not						
②	Material						
③	Color						
④	Plating Code for Contacts						
⑤	Plating Code						
⑥	Option Code						
⑦	Packing Code						



Dimensions:

Circuit No.	Dimensions	
	A	B
02	3.00	9.65
03	6.00	12.65
04	9.00	15.65
05	12.00	18.65
06	15.00	21.65
07	18.00	24.65
08	21.00	27.65
09	24.00	30.65
10	27.00	33.65
11	30.00	36.65
12	33.00	39.65

Unit:mm

C3004HF-2

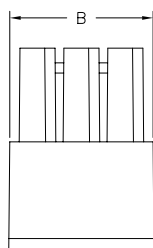
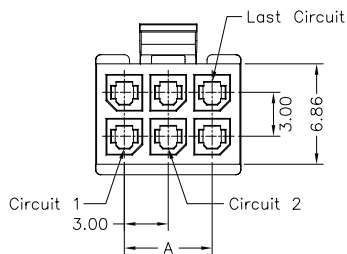
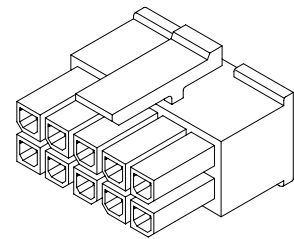
3.00mm Pitch Dual Row Housing

Reference Information:

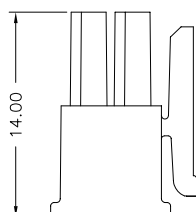
*Material: Thermoplastic

*Suitable C3004F Series Terminal

*Mates with C3004HM, C3004HMA Series Dual Row Housing or C3004 Series Dual Row Wafer



C3004HF-2XNP	X	X	X	XX	X	XX	X
	①	②	③	④	⑤	⑥	⑦
①	Halogen Free or Not						
②	Material						
③	Color						
④	Plating Code for Contacts						
⑤	Plating Code						
⑥	Option Code						
⑦	Packing Code						



Dimensions:

Circuit No.	Dimensions	
	A	B
2X01	—	3.80
2X02	3.00	6.80
2X03	6.00	9.80
2X04	9.00	12.80
2X05	12.00	15.80
2X06	15.00	18.80
2X07	18.00	21.80
2X08	21.00	24.80
2X09	24.00	27.80
2X10	27.00	30.80
2X11	30.00	33.80
2X12	33.00	36.80

Unit:mm



C3004 SERIES

3.00mm Pitch Wire to Wire and Wire to Board Connector

C3004HM-2

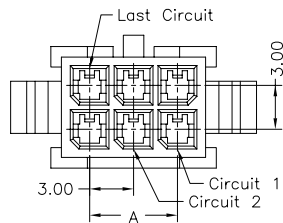
3.00mm Pitch Dual Row Housing

Reference Information:

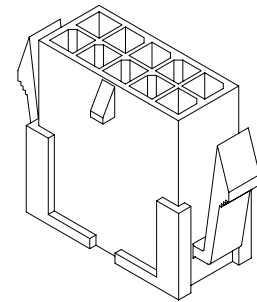
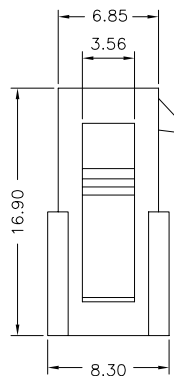
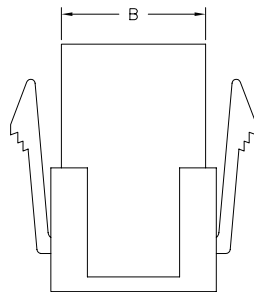
*Material: Thermoplastic

*Suitable C3004M Series Terminal

*Mates with C3004HF Series Dual Row Housing



C3004HM-2XNP		X	X	X	XX	X	XX	X
		①	②	③	④	⑤	⑥	⑦
①	Halogen Free or Not							
②	Material							
③	Color							
④	Plating Code for Contacts							
⑤	Plating Code							
⑥	Option Code							
⑦	Packing Code							



Dimensions:

Circuit No.	Dimensions	
	A	B
2X01	—	3.85
2X02	3.00	6.85
2X03	6.00	9.85
2X04	9.00	12.85
2X05	12.00	15.85
2X06	15.00	18.85
2X07	18.00	21.85
2X08	21.00	24.85
2X09	24.00	27.85
2X10	27.00	30.85
2X11	30.00	33.85
2X12	33.00	36.85

Unit:mm

C3004HMA-2

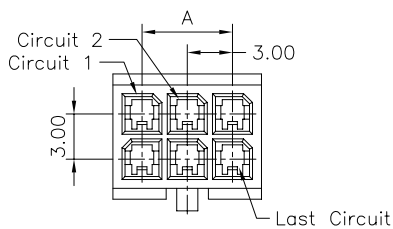
3.00mm Pitch Dual Row Housing - Without Mounting Ear

Reference Information:

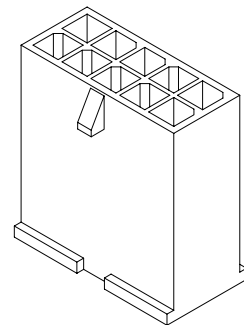
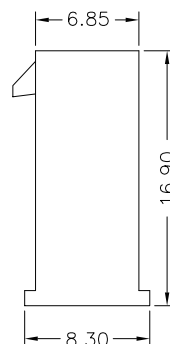
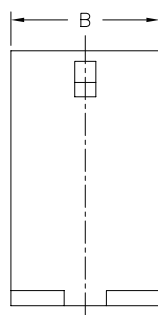
*Material: Thermoplastic

*Suitable C3004M Series Terminal

*Mates with C3004HF Series Dual Row Housing



C3004HMA-2XNP		X	X	X	XX	X	XX	X
		①	②	③	④	⑤	⑥	⑦
①	Halogen Free or Not							
②	Material							
③	Color							
④	Plating Code for Contacts							
⑤	Plating Code							
⑥	Option Code							
⑦	Packing Code							



Dimensions:

Circuit No.	Dimensions	
	A	B
2X01	—	3.85
2X02	3.00	6.85
2X03	6.00	9.85
2X04	9.00	12.85
2X05	12.00	15.85
2X06	15.00	18.85
2X07	18.00	21.85
2X08	21.00	24.85
2X09	24.00	27.85
2X10	27.00	30.85
2X11	30.00	33.85
2X12	33.00	36.85

Unit:mm



C3004 SERIES

3.00mm Pitch Wire to Wire and Wire to Board Connector

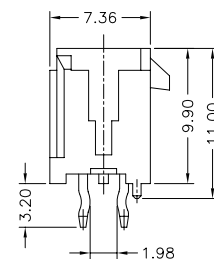
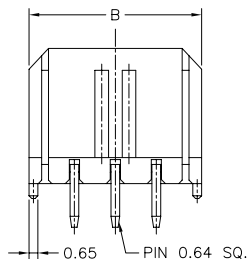
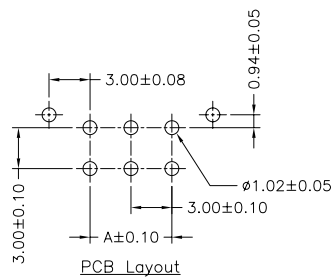
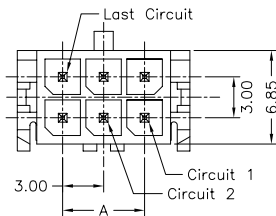
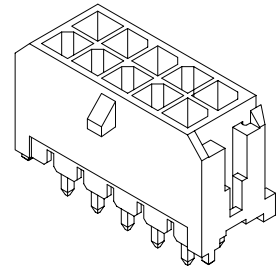
C3004WV-F-2

3.00mm Pitch 180° Dual Row Wafer

Reference Information:

- *Material: Pin: Copper Alloy
Wafer: Thermoplastic
- *Mates with C3004HF Series
Dual Row Housing

C3004WV-F-2XNP	X	X	X	XX	X	XX	X
	①	②	③	④	⑤	⑥	⑦
①	Halogen Free or Not						
②	Material						
③	Color						
④	Plating Code for Contacts						
⑤	Plating Code						
⑥	Option Code						
⑦	Packing Code						



Dimensions:

Circuit No.	Dimensions	
	A	B
2X01	—	6.65
2X02	3.00	9.65
2X03	6.00	12.65
2X04	9.00	15.65
2X05	12.00	18.65
2X06	15.00	21.65
2X07	18.00	24.65
2X08	21.00	27.65
2X09	24.00	30.65
2X10	27.00	33.65
2X11	30.00	36.65
2X12	33.00	39.65

Unit:mm

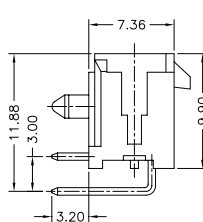
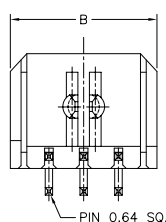
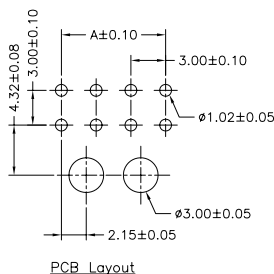
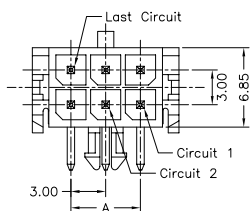
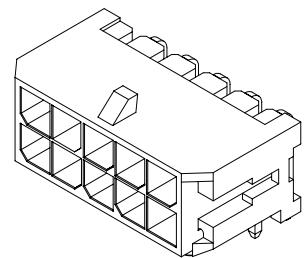
C3004WR-F-2

3.00mm Pitch 90° Dual Row Wafer

Reference Information:

- *Material: Pin: Copper Alloy
Wafer: Thermoplastic
- *Mates with C3004HF Series
Dual Row Housing

C3004WR-F-2XNP	X	X	X	XX	X	XX	X
	①	②	③	④	⑤	⑥	⑦
①	Halogen Free or Not						
②	Material						
③	Color						
④	Plating Code for Contacts						
⑤	Plating Code						
⑥	Option Code						
⑦	Packing Code						



Dimensions:

Circuit No.	Dimensions	
	A	B
2X01	—	6.65
2X02	3.00	9.65
2X03	6.00	12.65
2X04	9.00	15.65
2X05	12.00	18.65
2X06	15.00	21.65
2X07	18.00	24.65
2X08	21.00	27.65
2X09	24.00	30.65
2X10	27.00	33.65
2X11	30.00	36.65
2X12	33.00	39.65

Unit:mm