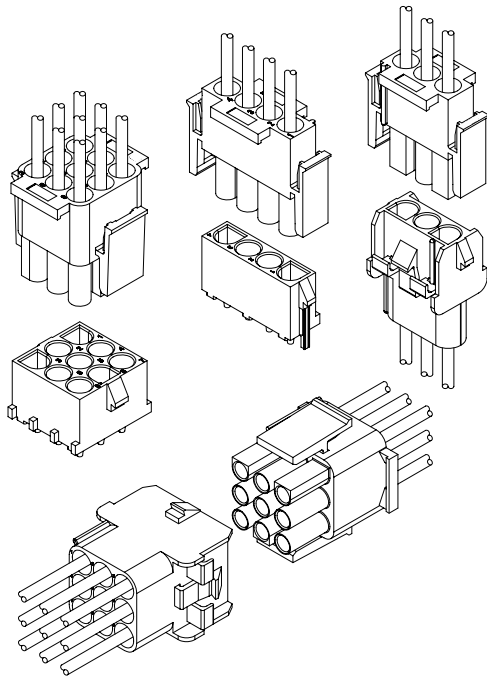




C6351 SERIES

6.35mm Pitch Wire to Wire and Wire to Board Connector



Specifications

Current Rating: 6A~15A AC,DC(Per Pin)

Voltage Rating: 600V AC,DC(Per Pin)

Temperature Range: -25°C ~ +85°C

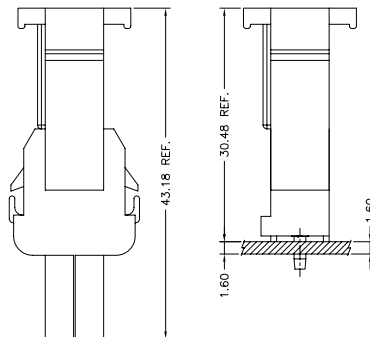
Contact Resistance: 3.5mΩ Max.

Insulation Resistance: 1000MΩ Min.

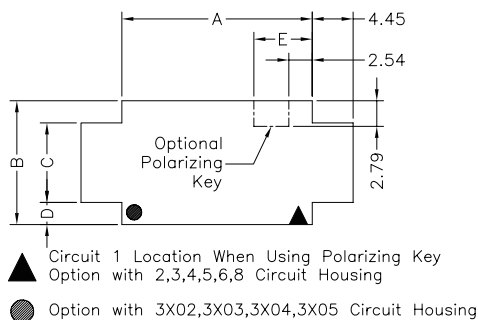
withstanding Voltage: 2900V AC/minute

Standards

Assembly Layout



Panel Hole Layout



Dimensions:

Part No.	Dimensions				
	A	B	C	D	E
C6351HM-02P	14.35	13.46	8.64	2.41	6.35
C6351HM-03P	20.70	13.46	8.64	2.41	6.35
C6351HM-04P	27.05	13.46	8.64	2.41	6.35
C6351HM-05P	33.40	13.46	8.64	2.41	6.35
C6351HM-06P	39.75	13.46	8.64	2.41	6.35
C6351HM-08P	52.45	13.46	8.64	2.41	6.35
C6351HM-3X02P	14.35	26.16	12.19	6.99	6.35
C6351HM-3X03P	20.70	26.16	12.19	6.99	6.35
C6351HM-3X04P	27.05	26.16	12.19	6.99	8.89
C6351HM-3X05P	33.40	26.16	12.19	6.99	8.89

Unit:mm



Ordering Code

① ② ③ ④ ⑤ ⑥
C6351 X-X X X-X

- ① Series No.
- ② Terminal Type: F=Female, M=Male
- ③ Plating Code: T=Tin-Plated
- ④ Material: B=Brass
- ⑤ E=Stamping Before Plating
- ⑥ Option Code: (Refer to Drawings)

① ② ③ ④ ⑤
C6351 WV-X-XX NP

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

① ② ③ ④
C6351 XX-XX NP

- ① Series No.
- ② Housing Type: HF=Receptacle, HM=Plug
- ③ Blank= Single Row,3X=Triple Row
- ④ No. of Circuits

A
B
C
F



C6351 SERIES

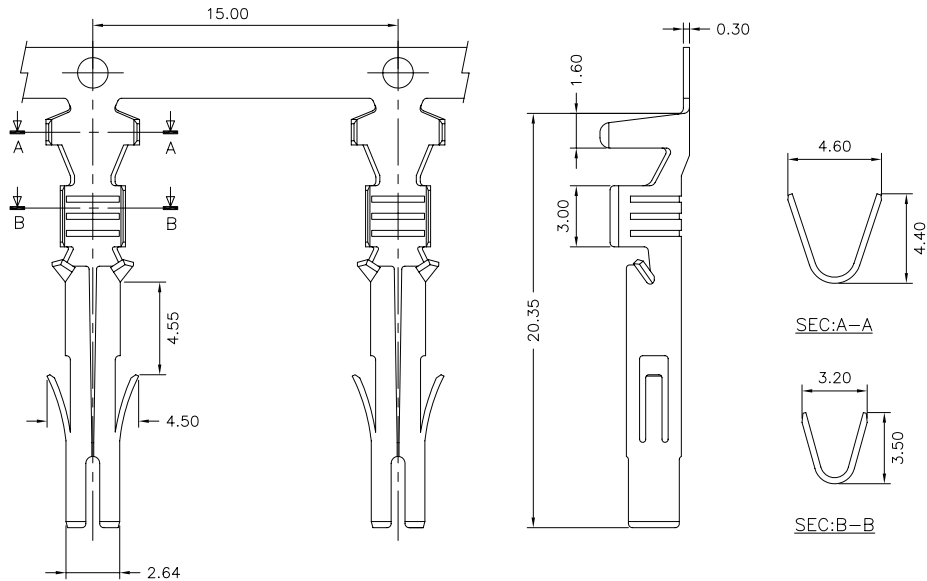
6.35mm Pitch Wire to Wire and Wire to Board Connector

C6351F-XXX

6.35mm Pitch Crimp Terminal

Reference Information:

*Used in C6351HF or C6351HM Series Housing



Ordering Information & Specifications:

Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/Reel
C6351F-TBE	AWG#14-#20	3.30mm(Max)	Brass	Tin-Plated	4,000Pcs

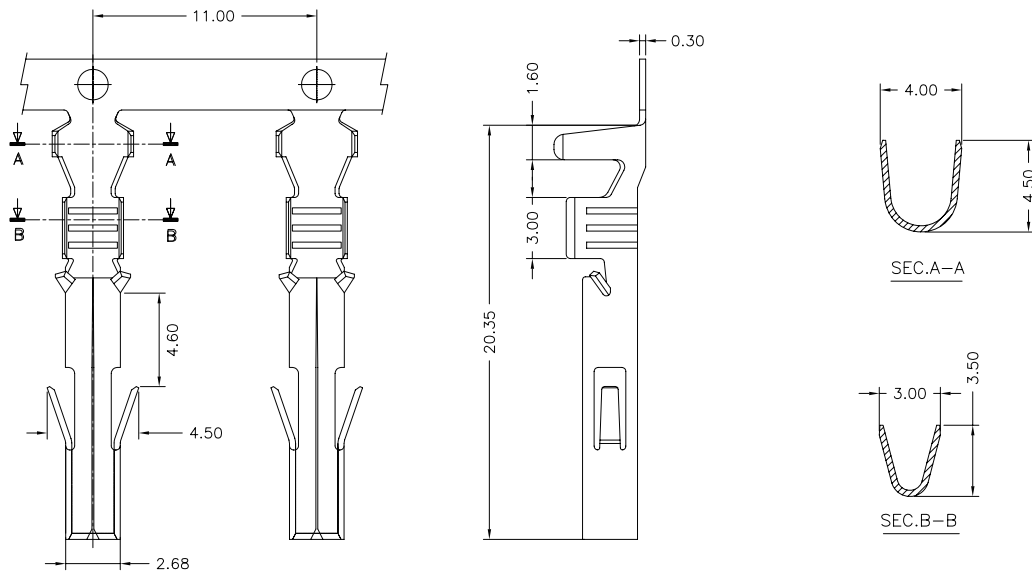
Note:E-Stamping Before Plating

C6351F-XXX

6.35mm Pitch Crimp Terminal

Reference Information:

*Used in C6351HF or C6351HM Series Housing



Ordering Information & Specifications:

Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/Reel
C6351F-TBE-A	AWG#14-#20	3.30mm(Max)	Brass	Tin-Plated	5,000Pcs

Note:E-Stamping Before Plating



C6351 SERIES

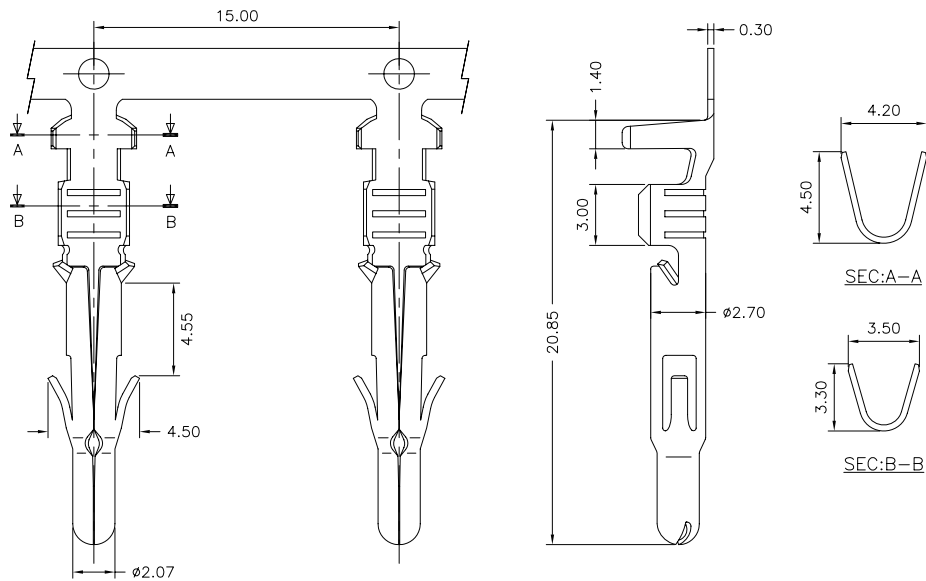
6.35mm Pitch Wire to Wire and Wire to Board Connector

C6351M-XXX

6.35mm Pitch Crimp Terminal

Reference Information:

*Used in C6351HF or C6351HM Series Housing



Ordering Information & Specifications:

Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/Reel
C6351M-TBE	AWG#14-#20	3.30mm(Max)	Brass	Tin-Plated	4,000Pcs

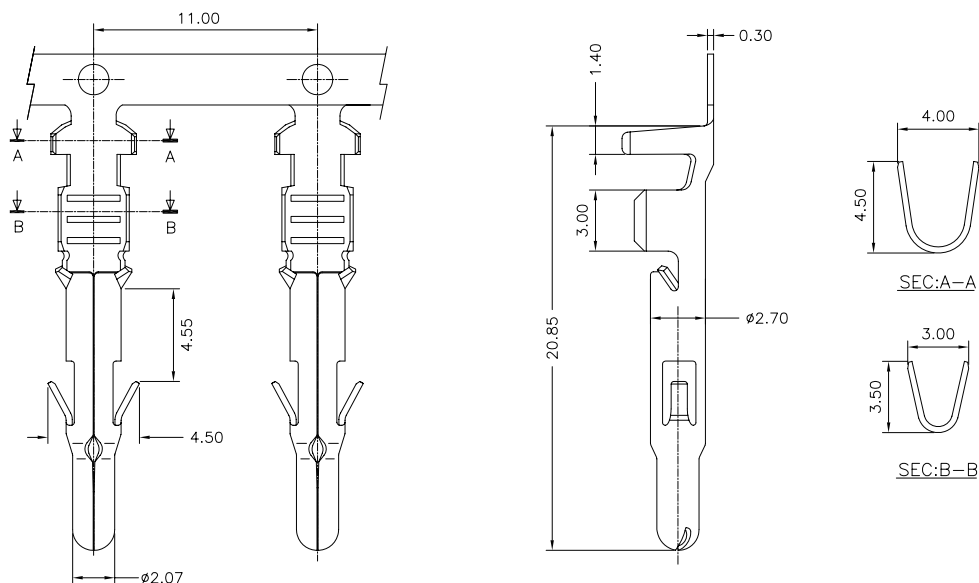
Note:E-Stamping Before Plating

C6351M-XXX

6.35mm Pitch Crimp Terminal

Reference Information:

*Used in C6351HF or C6351HM Series Housing



Ordering Information & Specifications:

Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/Reel
C6351M-TBE-A	AWG#14-#20	3.30mm(Max)	Brass	Tin-Plated	4,000Pcs

Note:E-Stamping Before Plating



C6351 SERIES

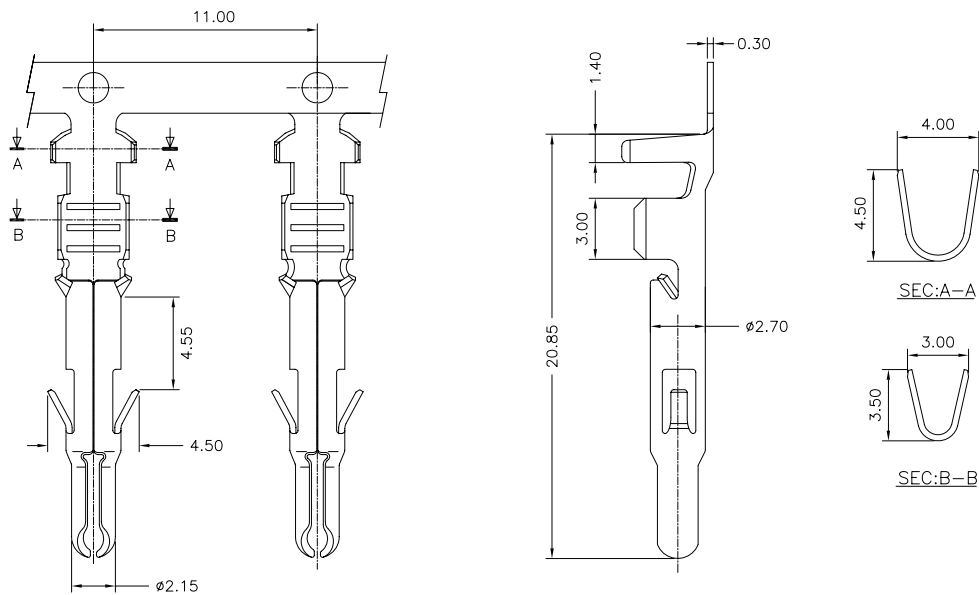
6.35mm Pitch Wire to Wire and Wire to Board Connector

C6351M-XXX

6.35mm Pitch Crimp Terminal

Reference Information:

*Used in C6351HF or C6351HM Series Housing



Ordering Information & Specifications:

Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/Reel
C6351M-TBE-B	AWG#14-#20	3.30mm(Max)	Brass	Tin-Plated	5,000Pcs

Note:E-Stamping Before Plating



C6351 SERIES

6.35mm Pitch Wire to Wire and Wire to Board Connector

C6351HF

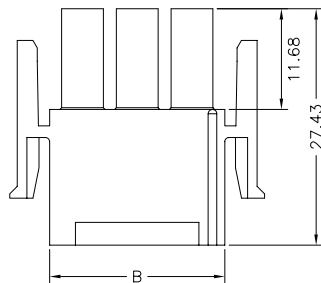
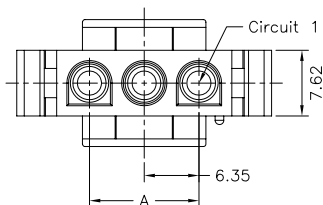
6.35mm Pitch Housing

Reference Information:

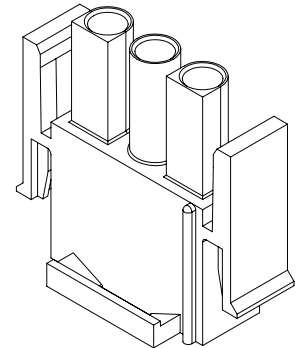
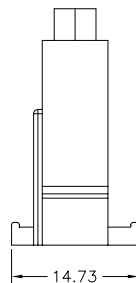
*Material: Thermoplastic

*Suitable C6351F or C6351M Series Terminal

*Mates with C6351HM Series Housing or C6351 Series Wafer



C6351HF-XP							
①	②	③	④	⑤	⑥	⑦	
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							



A
B
C
F

Dimensions:

Circuit No.	Dimensions	
	A	B
02	6.35	13.97
03	12.70	20.32
04	19.05	26.67
05	25.40	33.02
06	31.75	39.37
08	44.45	52.07

Unit:mm

C6351HM

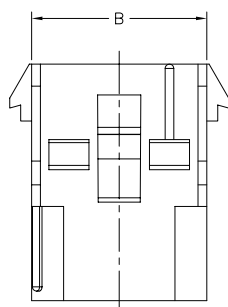
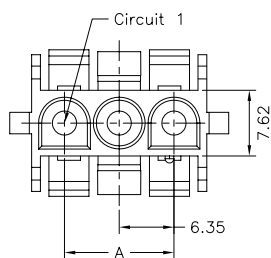
6.35mm Pitch Housing

Reference Information:

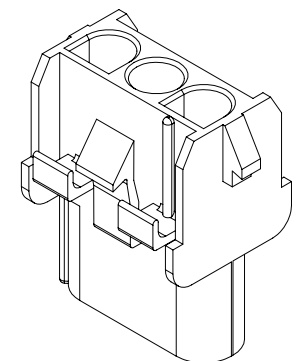
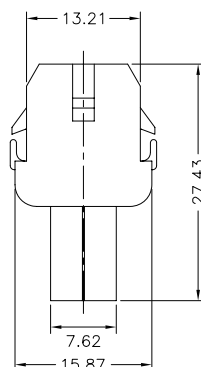
*Material: Thermoplastic

*Suitable C6351F or C6351M Series Terminal

*Mates with C6351HF Series Housing



C6351HM-XP							
①	②	③	④	⑤	⑥	⑦	
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	6.35	13.97
03	12.70	20.32
04	19.05	26.67
05	25.40	33.02
06	31.75	39.37
08	44.45	52.07

Unit:mm



C6351 SERIES

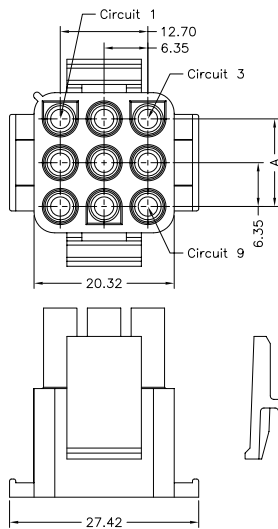
6.35mm Pitch Wire to Wire and Wire to Board Connector

C6351HF-3

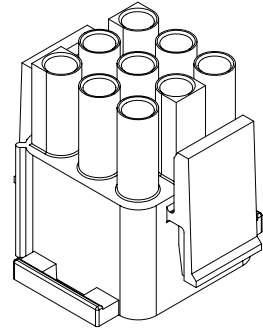
6.35mm Pitch Triple Row Housing

Reference Information:

- *Material: Thermoplastic
- *Suitable C6351F or C6351M Series Terminal
- *Mates with C6351HM Series Triple Row Housing or C6351 Series Triple Row Wafer



C6351HF-3XNP							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
3X02	6.35	13.97
3X03	12.70	20.32
3X04	19.05	26.67
3X05	25.40	33.02

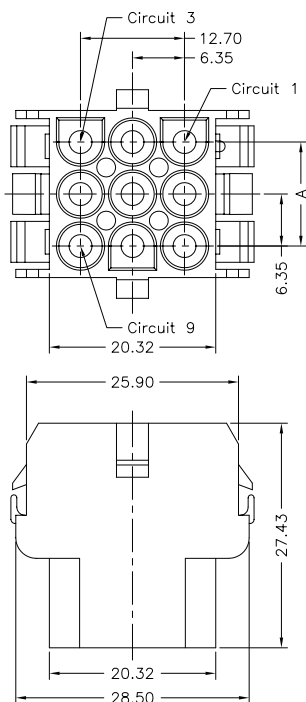
Unit:mm

C6351HM-3

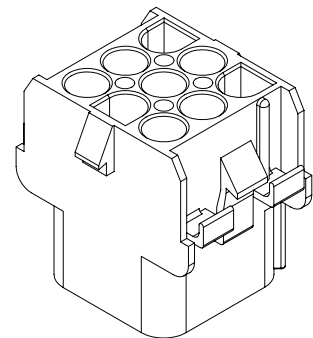
6.35mm Pitch Triple Row Housing

Reference Information:

- *Material: Thermoplastic
- *Suitable C6351F or C6351M Series Terminal
- *Mates with C6351HF Series Triple Row Housing



C6351HM-3XNP				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
3X02	6.35	14.05
3X03	12.70	20.40
3X04	19.05	26.75
3X05	25.40	33.10

Unit:mm



C6351 SERIES

6.35mm Pitch Wire to Wire and Wire to Board Connector

C6351WV

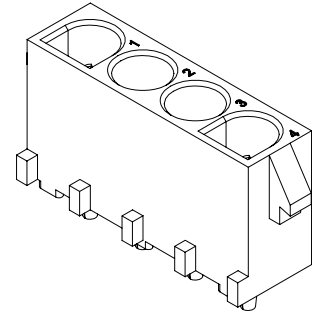
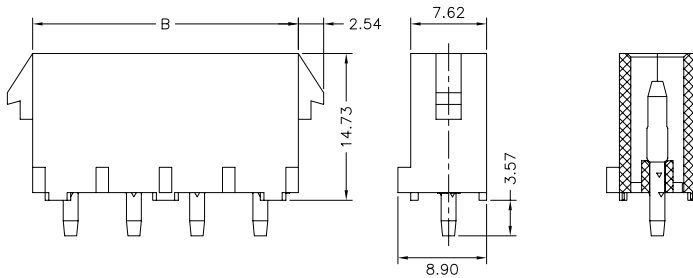
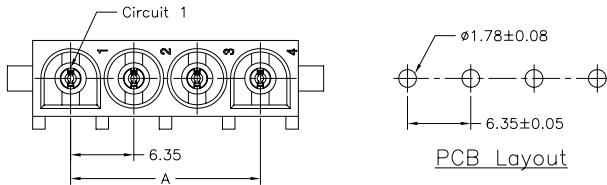
— 6.35mm Pitch 180° Wafer - Male Pin —

Reference Information:

*Material: Pin: Copper Alloy

Wafer: Thermoplastic

*Mates with C6351HF Series Housing



C6351WV-XP X X X XX X M0 X

- ① Halogen Free or Not
② Material
③ Color
④ Plating Code for Contacts
⑤ Plating Code
⑥ Option Code: M0=Male Pin
⑦ Packing Code

Dimensions:

Circuit No.	Dimensions	
	A	B
02	6.35	13.97
03	12.70	20.32
04	19.05	26.67
05	25.40	33.02
06	31.75	39.37
08	44.45	52.07

Unit:mm

C6351WV-F

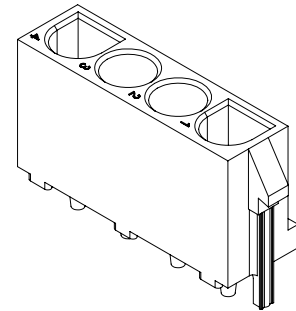
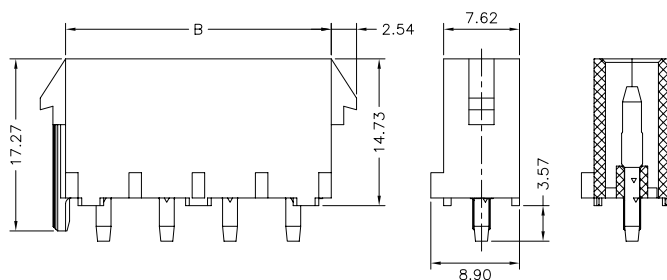
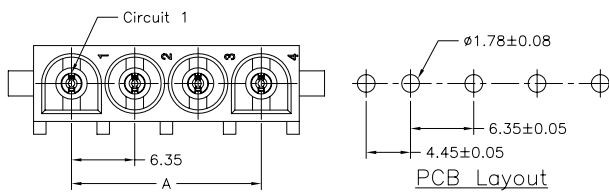
— 6.35mm Pitch 180° Wafer with Post - Male Pin —

Reference Information:

*Material: Pin: Copper Alloy

Wafer: Thermoplastic

*Mates with C6351HF Series Housing



C6351WV-F-XP X X X XX X M0 X

- ① Halogen Free or Not
② Material
③ Color
④ Plating Code for Contacts
⑤ Plating Code
⑥ Option Code: M0=Male Pin
⑦ Packing Code

Dimensions:

Circuit No.	Dimensions	
	A	B
02	6.35	13.97
03	12.70	20.32
04	19.05	26.67
05	25.40	33.02
06	31.75	39.37
08	44.45	52.07

Unit:mm



C6351 SERIES

6.35mm Pitch Wire to Wire and Wire to Board Connector

C6351WV-3

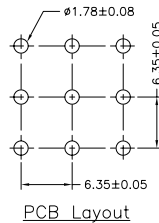
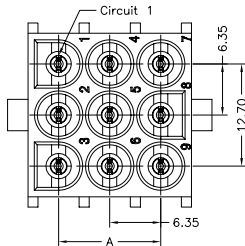
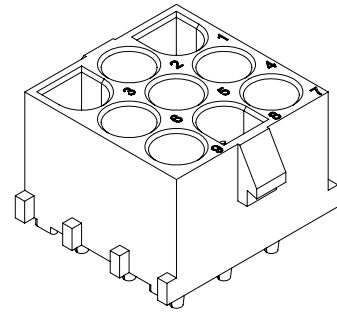
6.35mm Pitch 180° Triple Row Wafer - Male Pin

Reference Information:

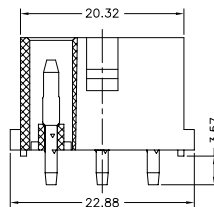
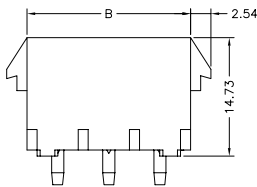
*Material: Pin: Copper Alloy

Wafer: Thermoplastic

*Mates with C6351HF Series Triple Row Housing



C6351WV-3XNP						
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: M0=Male Pin						
⑦ Packing Code						



Dimensions:

Circuit No.	Dimensions	
	A	B
3X02	6.35	13.97
3X03	12.70	20.32
3X04	19.05	26.67
3X05	25.40	33.02

Unit:mm

C6351WV-F-3

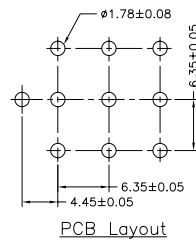
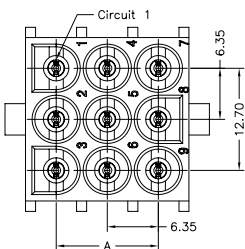
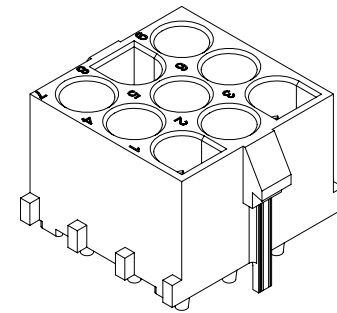
6.35mm Pitch 180° Triple Row Wafer with Post - Male Pin

Reference Information:

*Material: Pin: Copper Alloy

Wafer: Thermoplastic

*Mates with C6351HF Series Triple Row Housing



C6351WV-F-3XNP						
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: M0=Male Pin						
⑦ Packing Code						

Dimensions:

Circuit No.	Dimensions	
	A	B
3X02	6.35	13.97
3X03	12.70	20.32
3X04	19.05	26.67
3X05	25.40	33.02

Unit:mm



C6351 SERIES

6.35mm Pitch Wire to Wire and Wire to Board Connector

C6351WV

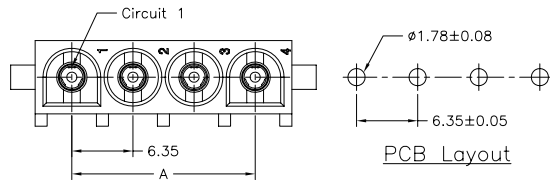
— 6.35mm Pitch 180° Wafer - Female Pin —

Reference Information:

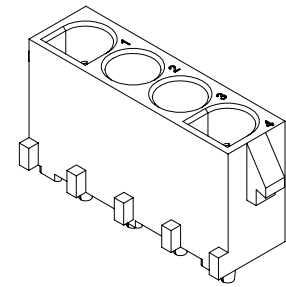
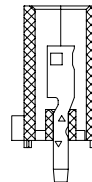
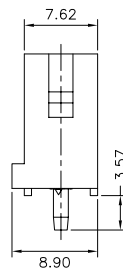
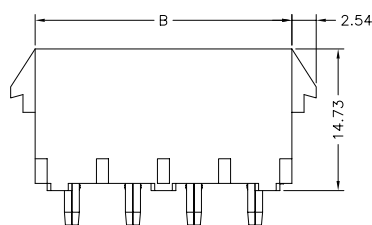
*Material: Pin: Copper Alloy

Wafer: Thermoplastic

*Mates with C6351HF Series Housing



PCB Layout



C6351WV-XP X X X XX X F0 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: F0=Female Pin
- ⑦ Packing Code

Dimensions:

Circuit No.	Dimensions	
	A	B
02	6.35	13.97
03	12.70	20.32
04	19.05	26.67
05	25.40	33.02
06	31.75	39.37
08	44.45	52.07

Unit:mm

C6351WV-F

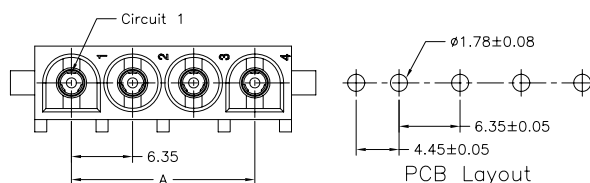
— 6.35mm Pitch 180° Wafer with Post - Female Pin —

Reference Information:

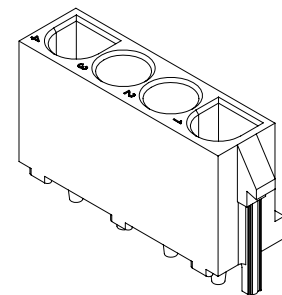
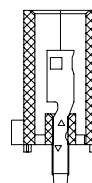
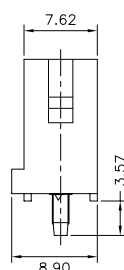
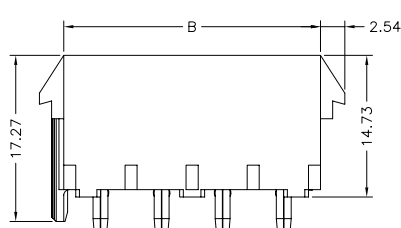
*Material: Pin: Copper Alloy

Wafer: Thermoplastic

*Mates with C6351HF Series Housing



PCB Layout



C6351WV-F-XP X X X XX X F0 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: F0=Female Pin
- ⑦ Packing Code

Dimensions:

Circuit No.	Dimensions	
	A	B
02	6.35	13.97
03	12.70	20.32
04	19.05	26.67
05	25.40	33.02
06	31.75	39.37
08	44.45	52.07

Unit:mm



C6351 SERIES

6.35mm Pitch Wire to Wire and Wire to Board Connector

C6351WV-3

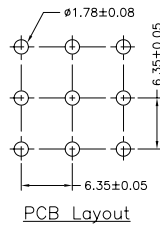
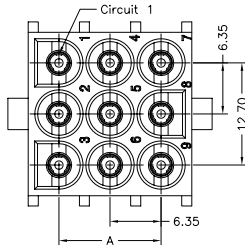
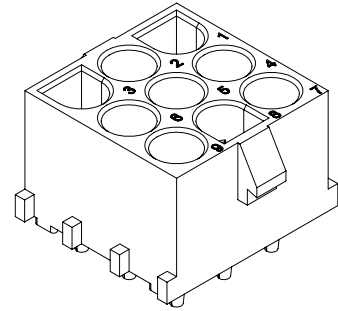
6.35mm Pitch 180° Triple Row Wafer - Female Pin

Reference Information:

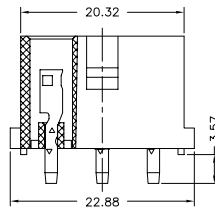
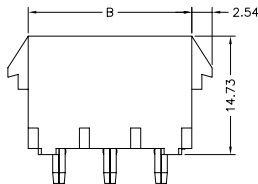
*Material: Pin: Copper Alloy

Wafer: Thermoplastic

*Mates with C6351HF Series Triple Row Housing



C6351WV-3XNP						
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: F0=Female Pin ⑦ Packing Code						



Dimensions:

Circuit No.	Dimensions	
	A	B
3X02	6.35	13.97
3X03	12.70	20.32
3X04	19.05	26.67
3X05	25.40	33.02

Unit:mm

C6351WV-F-3

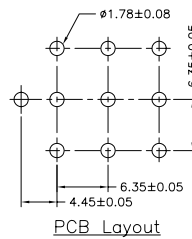
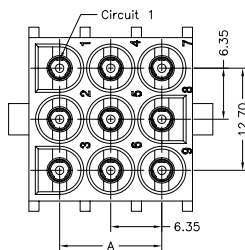
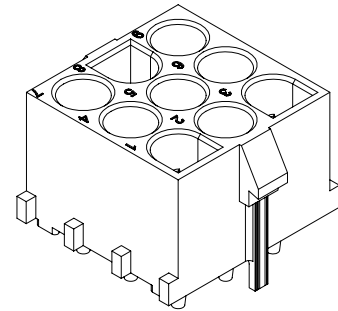
6.35mm Pitch 180° Triple Row Wafer with Post - Female Pin

Reference Information:

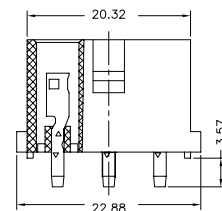
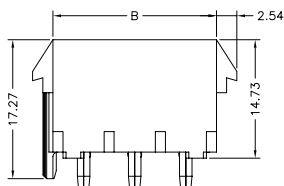
*Material: Pin: Copper Alloy

Wafer: Thermoplastic

*Mates with C6351HF Series Triple Row Housing



C6351WV-F-3XNP						
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: F0=Female Pin ⑦ Packing Code						



Dimensions:

Circuit No.	Dimensions	
	A	B
3X02	6.35	13.97
3X03	12.70	20.32
3X04	19.05	26.67
3X05	25.40	33.02

Unit:mm