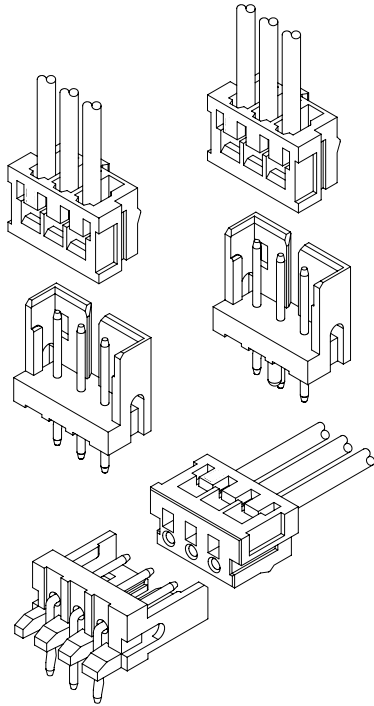




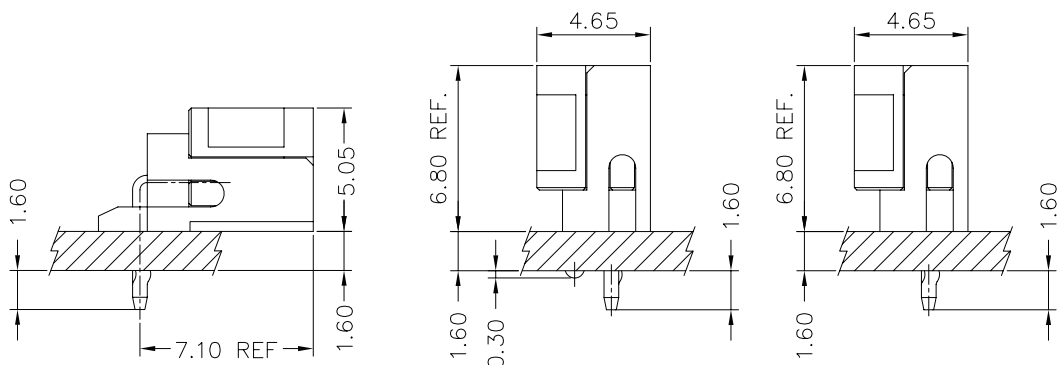
Specifications

Current Rating: 2.5A~4A AC,DC(Per Pin)
Voltage Rating: 125V AC,DC(Per Pin)
Temperature Range: -25°C ~ +85°C
Contact Resistance: 10mΩ Max.
Insulation Resistance: 1000MΩ Min.
Withstanding Voltage: 1000V AC/minute

A
B
C
F

Standards

Assembly Layout



Ordering Code

① ② ③ ④
A2007 - X X X

- ① Series No.
- ② Plating Code: T=Tin-Plated
- ③ Material: P=Phosphor Bronze
- ④ E=Stamping Before Plating

① ② ③
A2007 X - XP

- ① Series No.
- ② Housing Type: H=Housing
- ③ No. of Circuits

① ② ③ ④ ⑤
A2007 XX X - X - XP

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



A2007 SERIES

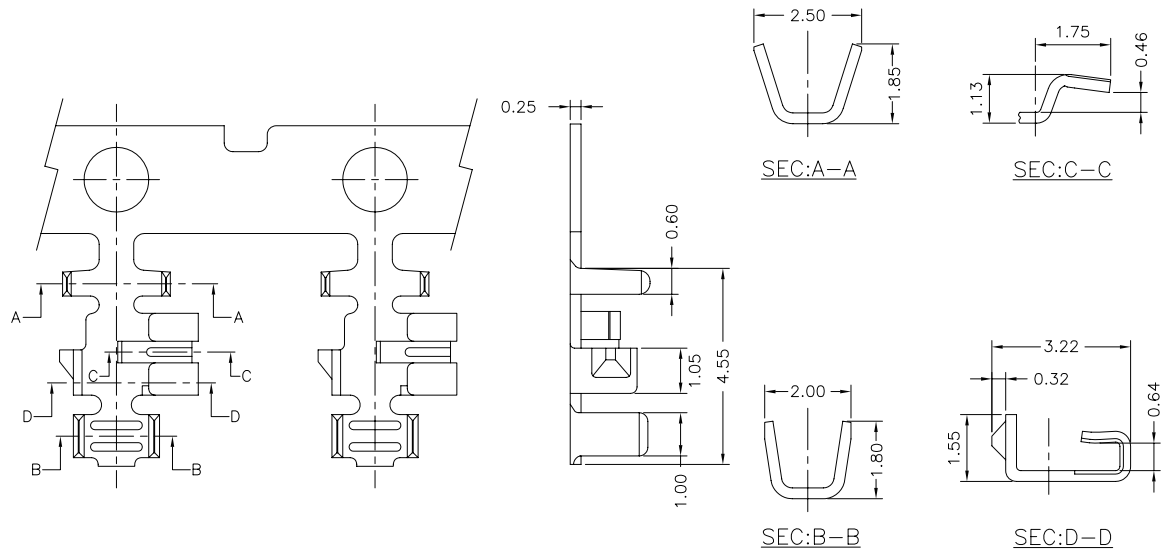
2.00mm Pitch Wire to Board Connector

A2007-XXX

2.00mm Pitch Crimp Terminal

Reference Information:

*Used in A2007 Series Housing



Ordering Information & Specifications:

Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/Reel
A2007-TPE	AWG#22-#26	1.50mm(Max)	Phosphor Bronze	Tin-Plated	10,000Pcs

Note:E-Stamping Before Plating

A2007H

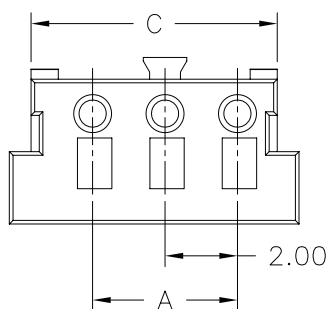
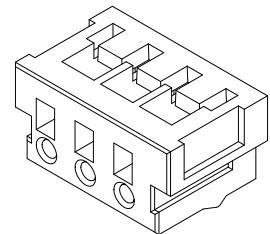
2.00mm Pitch Housing

Reference Information:

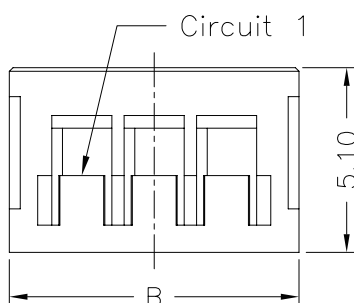
*Material: Thermoplastic

*Suitable A2007 Series Terminal

*Mates with A2007 Series Wafer



A2007H-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	C
02	2.00	6.00	4.80
03	4.00	8.00	6.80
04	6.00	10.00	8.80
05	8.00	12.00	10.80
06	10.00	14.00	12.80
07	12.00	16.00	14.80
08	14.00	18.00	16.80
09	16.00	20.00	18.80
10	18.00	22.00	20.80
11	20.00	24.00	22.80
12	22.00	26.00	24.80
13	24.00	28.00	26.80
14	26.00	30.00	28.80
15	28.00	32.00	30.80

Unit:mm



A2007WV

— 2.00mm Pitch 180° Wafer —

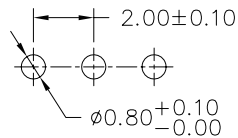
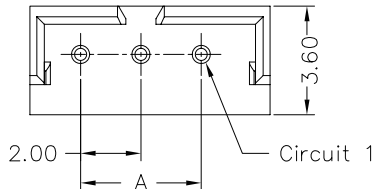
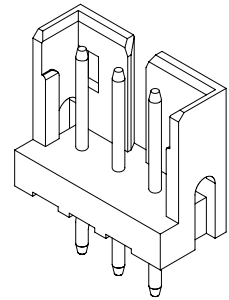
Reference Information:

*Material: Pin: Copper Alloy

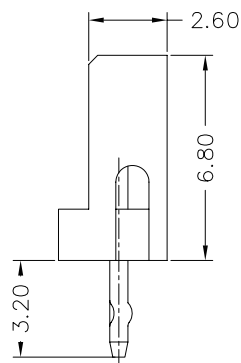
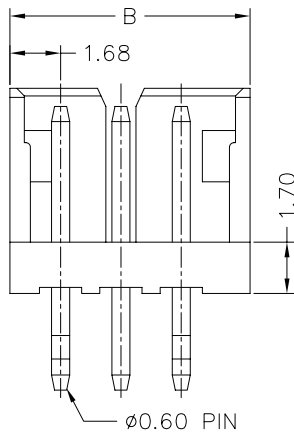
Wafer: Thermoplastic

*Mates with A2007 Series Housing

A2007WV-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	2.00	5.96
03	4.00	7.96
04	6.00	9.96
05	8.00	11.96
06	10.00	13.96
07	12.00	15.96
08	14.00	17.96
09	16.00	19.96
10	18.00	21.96
11	20.00	23.96
12	22.00	25.96
13	24.00	27.96
14	26.00	29.96
15	28.00	31.96

Unit:mm

A2007WR

— 2.00mm Pitch 90° Wafer —

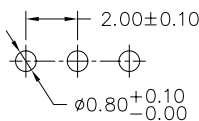
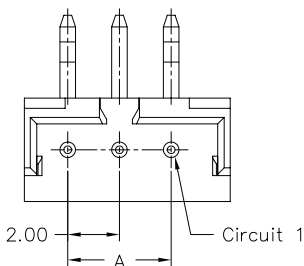
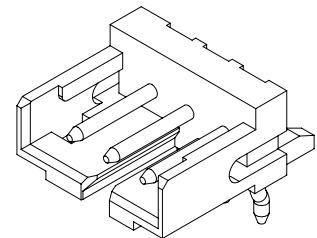
Reference Information:

*Material: Pin: Copper Alloy

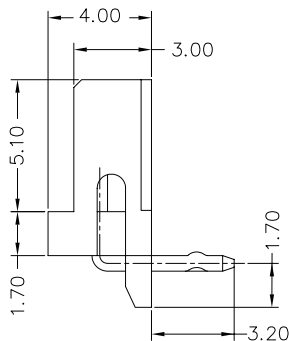
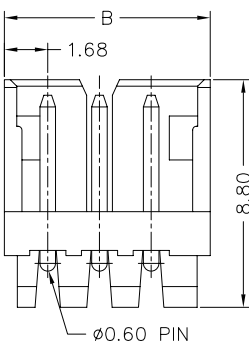
Wafer: Thermoplastic

*Mates with A2007Series Housing

A2007WR-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	2.00	5.96
03	4.00	7.96
04	6.00	9.96
05	8.00	11.96
06	10.00	13.96
07	12.00	15.96
08	14.00	17.96
09	16.00	19.96
10	18.00	21.96
11	20.00	23.96
12	22.00	25.96
13	24.00	27.96
14	26.00	29.96
15	28.00	31.96

Unit:mm

A

B

C

F



A2007 SERIES

2.00mm Pitch Wire to Board Connector

A2007WV-F-03P

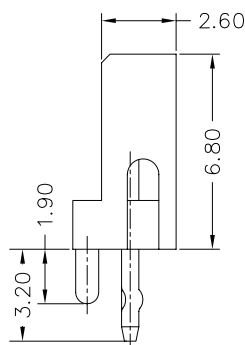
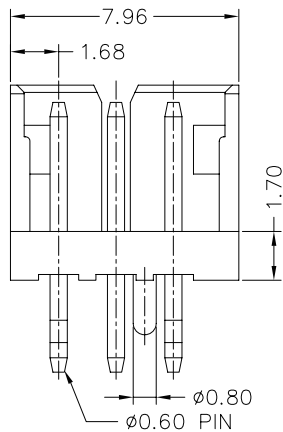
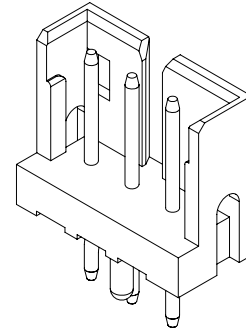
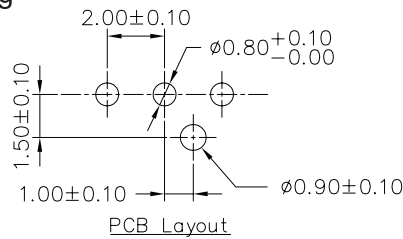
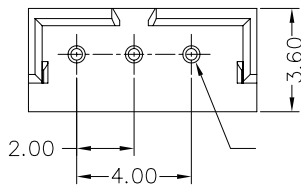
2.00mm Pitch 180° Wafer with Post

Reference Information:

*Material: Pin: Copper Alloy

Wafer: Thermoplastic

*Mates with A2007Series Housing



A2007WV-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						

A2007WRA

2.00mm Pitch 180° Wafer

Reference Information:

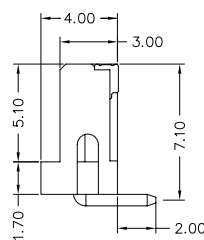
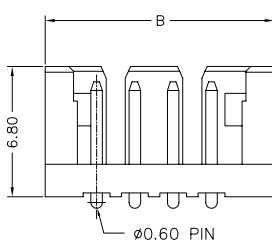
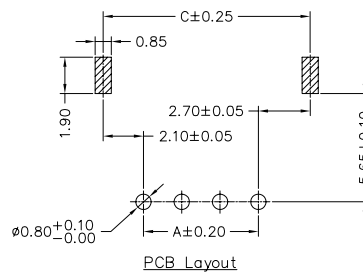
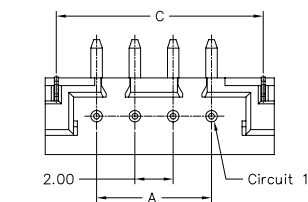
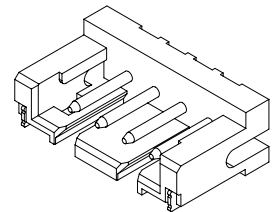
*Material: Pin: Copper Alloy

Solder Tabs: Copper Alloy

Wafer: Thermoplastic

*Mates with A2007 Series Housing

A2007WRA-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	C
02	2.00	8.00	6.80
03	4.00	10.00	8.80
04	6.00	12.00	10.80
05	8.00	14.00	12.80
06	10.00	16.00	14.80
07	12.00	18.00	16.80
08	14.00	20.00	18.80
09	16.00	22.00	20.80
10	18.00	24.00	22.80
11	20.00	26.00	24.80
12	22.00	28.00	26.80
13	24.00	30.00	28.80
14	26.00	32.00	30.80
15	28.00	34.00	32.80

Unit:mm