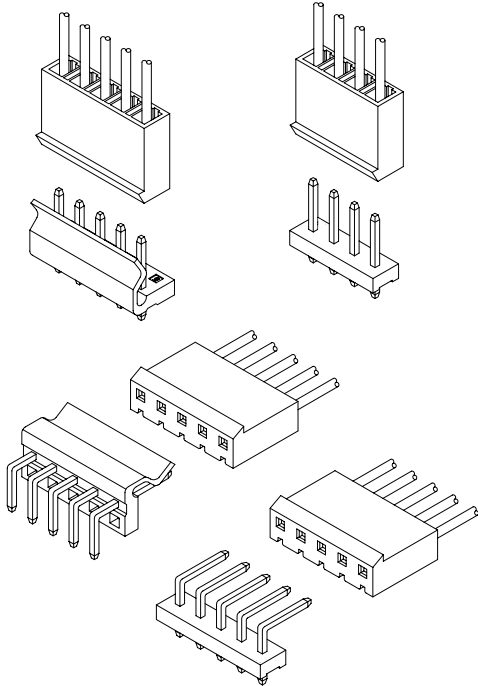




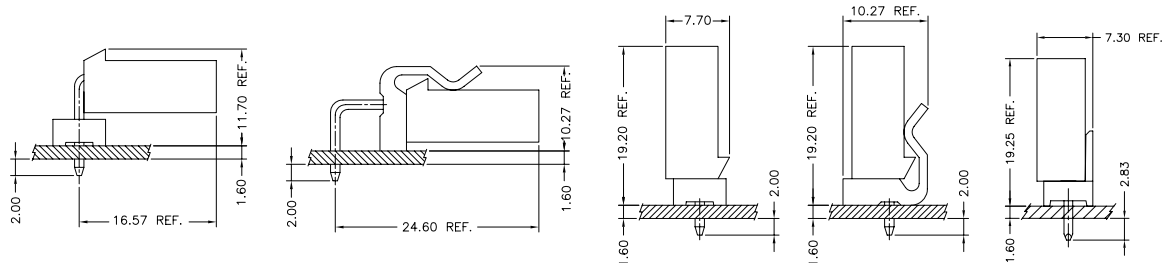
Specifications

Current Rating: 3A~7A 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

A
B
C
F

Standards

Assembly Layout



Ordering Code

① A5001 ② XX ③ -XP

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

① A5001 ② XX ③ X ④ -XP

- ① Series No.
- ② Connector Type: WV=Vertical, WR=Right Angle
- ③ Blank=With Locking Ramp
A=Without Locking Ramp
B=With Polarizing Backwall
- ④ No. of Circuits



A5001 SERIES

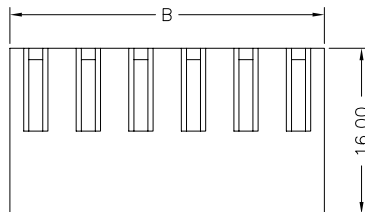
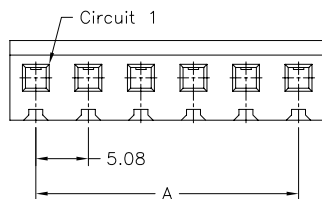
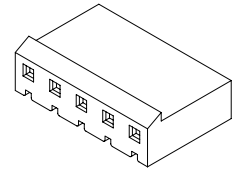
5.08mm Pitch Wire to Board Connector

A5001H

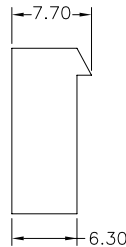
5.08mm Pitch Housing

Reference Information:

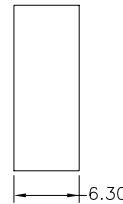
- *Material: Thermoplastic
- *Suitable A3961 Series Terminal
- *Mates with A5001 Series Wafer



A5001H-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



Type 1



Type 2

Dimensions:

Circuit No.	Dimensions	
	A	B
02	5.08	10.08
03	10.16	15.16
04	15.24	20.24
05	20.32	25.32
06	25.40	30.40
07	30.48	35.48
08	35.56	40.56
09	40.64	45.64
10	45.72	50.72
11	50.80	55.80
12	55.88	60.88
13	60.96	65.96
14	66.04	71.04
15	71.12	76.12
16	76.20	81.20
17	81.28	86.28
18	86.36	91.36
19	91.44	96.44
20	96.52	101.52

Unit:mm

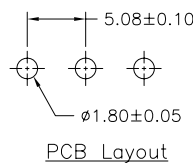
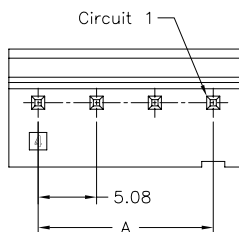
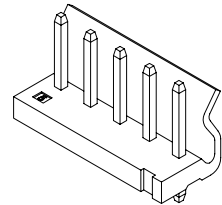
A5001WV

5.08mm Pitch 180° Wafer

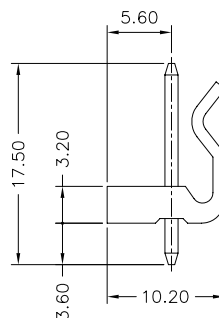
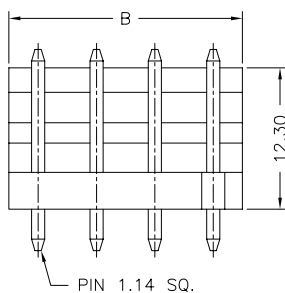
Reference Information:

- *Material: Pin: Copper Alloy
Wafer: Thermoplastic
- *Mates with A5001 Series Housing

A5001WV-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	5.08	10.16
03	10.16	15.24
04	15.24	20.32
05	20.32	25.40
06	25.40	30.48
07	30.48	35.56
08	35.56	40.64
09	40.64	45.72
10	45.72	50.80
11	50.80	55.88
12	55.88	60.96
13	60.96	66.04
14	66.04	71.12
15	71.12	76.20
16	76.20	81.28
17	81.28	86.36
18	86.36	91.44
19	91.44	96.52
20	96.52	101.60

Unit:mm



A5001 SERIES

5.08mm Pitch Wire to Board Connector

A5001WR

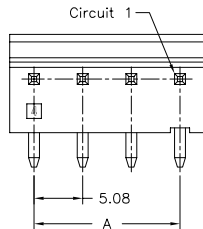
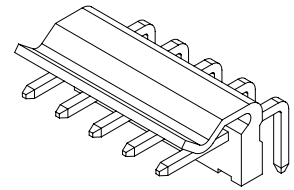
5.08mm Pitch 90° Wafer

Reference Information:

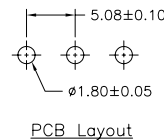
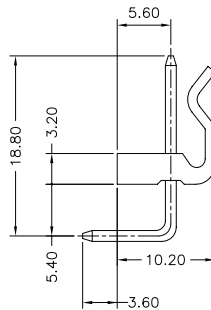
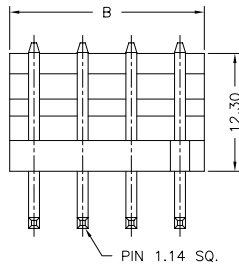
*Material: Pin: Copper Alloy

Wafer: Thermoplastic

*Mates with A5001 Series Housing



A5001WR-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	5.08	10.16
03	10.16	15.24
04	15.24	20.32
05	20.32	25.40
06	25.40	30.48
07	30.48	35.56
08	35.56	40.64
09	40.64	45.72
10	45.72	50.80
11	50.80	55.88
12	55.88	60.96
13	60.96	66.04
14	66.04	71.12
15	71.12	76.20
16	76.20	81.28
17	81.28	86.36
18	86.36	91.44
19	91.44	96.52
20	96.52	101.60

Unit:mm

A5001WVA

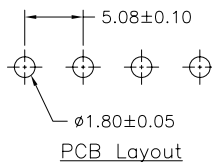
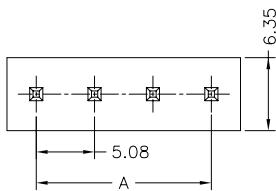
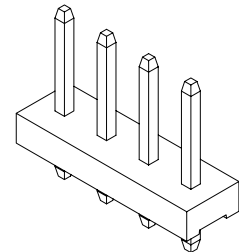
5.08mm Pitch 180° Wafer

Reference Information:

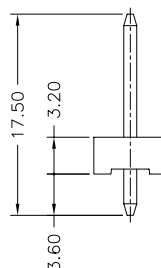
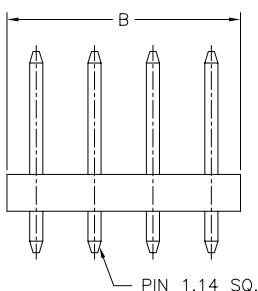
*Material: Pin: Copper Alloy

Wafer: Thermoplastic

*Mates with A5001 Series Housing



A5001WVA-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	5.08	10.16
03	10.16	15.24
04	15.24	20.32
05	20.32	25.40
06	25.40	30.48
07	30.48	35.56
08	35.56	40.64
09	40.64	45.72

Unit:mm



A5001 SERIES

5.08mm Pitch Wire to Board Connector

A5001WRA

5.08mm Pitch 90° Wafer

Reference Information:

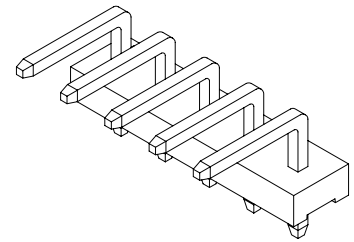
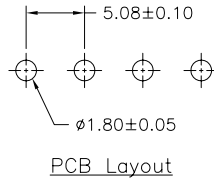
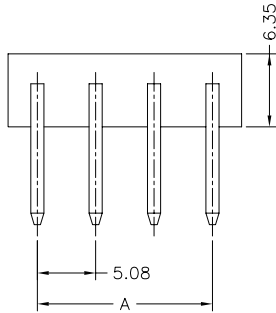
*Material: Pin: Copper Alloy

Wafer: Thermoplastic

*Mates with A5001 Series Housing

A5001WRA-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	5.08	10.16
03	10.16	15.24
04	15.24	20.32
05	20.32	25.40
06	25.40	30.48
07	30.48	35.56
08	35.56	40.64
09	40.64	45.72

Unit:mm

A5001WVB

5.08mm Pitch 180° Wafer

Reference Information:

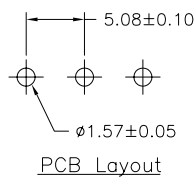
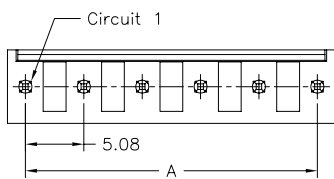
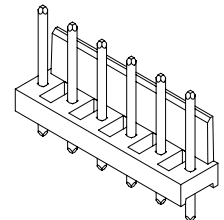
*Material: Pin: Copper Alloy

Wafer: Thermoplastic

*Mates with A5001 Type 2 Series Housing

A5001WVB-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	5.08	8.20
03	10.16	13.28
04	15.24	18.36
05	20.32	23.44
06	25.40	28.52
07	30.48	33.60
08	35.56	38.68
09	40.64	43.76
10	45.72	48.84
11	50.80	53.92
12	55.88	59.00
13	60.96	64.08
14	66.04	69.16
15	71.12	74.24
16	76.20	79.32
17	81.28	84.40
18	86.36	89.48
19	91.44	94.56
20	96.52	99.64

Unit:mm