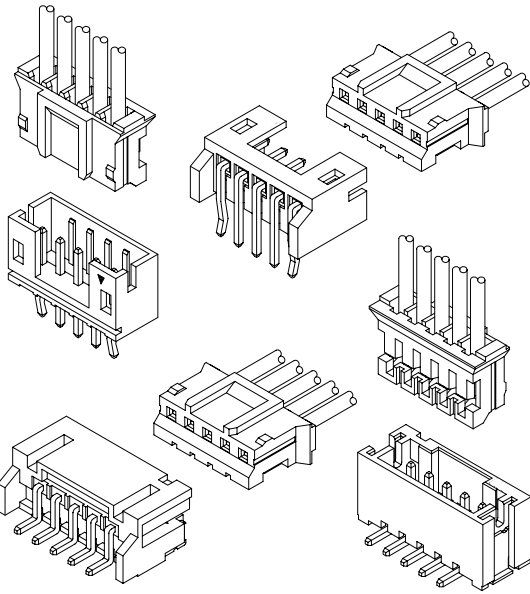


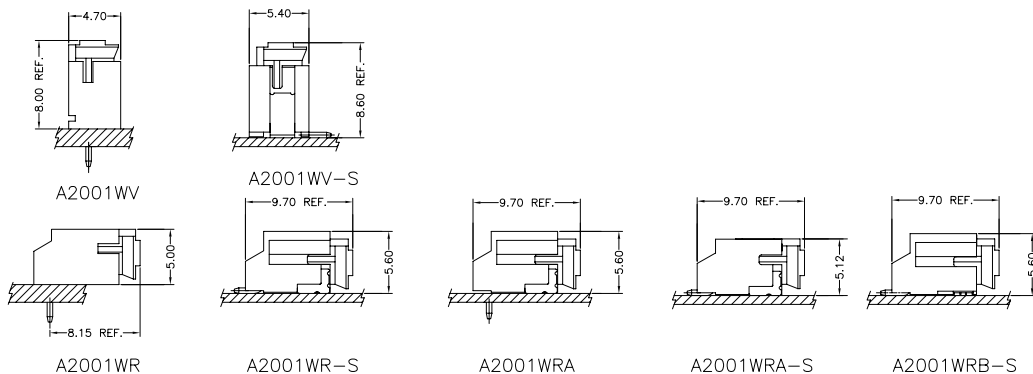


Specifications

Current Rating: 0.5A~2A AC,DC(Per Pin)
Voltage Rating: 100V AC,DC(Per Pin)
Temperature Range: -25°C ~ +85°C
Contact Resistance: 10mΩ Max.
Insulation Resistance: 1000MΩ Min.
Withstanding Voltage: 800V AC/minute

Standards

Assembly Layout



Ordering Code

① ② ③ ④
A2001-X X X

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

① ② ③
A2001 X-XP

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

① ② ③ ④ ⑤
A2001 XX X-X-XP

- ① Series No.
- ② Connector Type: WV=Vertical, WR=Right Angle
- ③ Blank=Normal Type, A=A Type
- ④ Mounting Type: Blank=Through Hole, S=SMT
- ⑤ No. of Circuits



A2001 SERIES

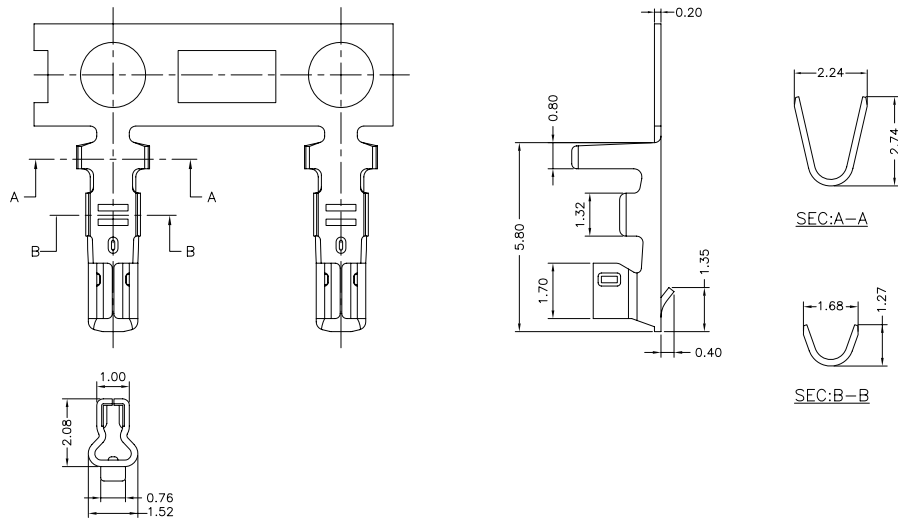
2.00mm Pitch Wire to Board Connector

A2001-XXX

2.00mm Pitch Crimp Terminal

Reference Information:

*Used in A2001 Series Housing



Ordering Information & Specifications:

Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/Reel
A2001-TPE	AWG#24-#30	1.50mm(Max)	Phosphor Bronze	Tin-Plated	10,000Pcs
A2001-TP	AWG#24-#30	1.50mm(Max)	Phosphor Bronze	Tin-Plated	10,000Pcs
A2001-GPE	AWG#24-#30	1.50mm(Max)	Phosphor Bronze	Gold-Plated	10,000Pcs

Note:E-Stamping Before Plating

A2001H

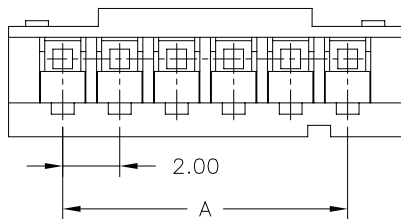
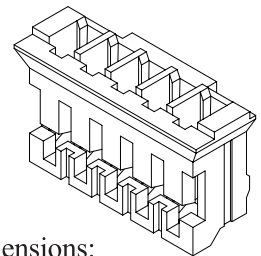
2.00mm Pitch Housing

Reference Information:

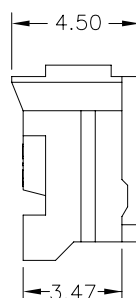
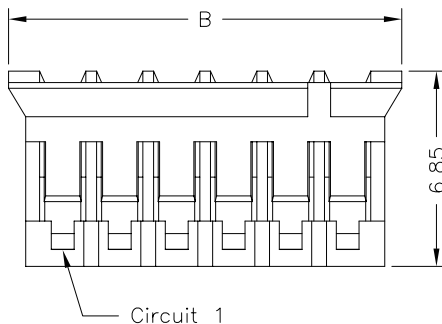
*Material: Thermoplastic

*Suitable A2001 Series Terminal

*Mates with A2001 Series Wafer



A2001H-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	2.00	5.80
03	4.00	7.80
04	6.00	9.80
05	8.00	11.80
06	10.00	13.80
07	12.00	15.80
08	14.00	17.80
09	16.00	19.80
10	18.00	21.80
11	20.00	23.80
12	22.00	25.80
13	24.00	27.80
14	26.00	29.80
15	28.00	31.80
16	30.00	33.80
17	32.00	35.80
18	34.00	37.80

Unit:mm



A2001 SERIES

2.00mm Pitch Wire to Board Connector

A2001WV

2.00mm Pitch 180° Wafer

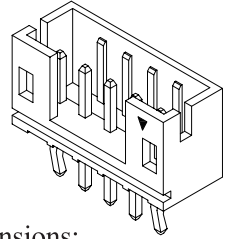
Reference Information:

*Material: Pin: Copper Alloy

Wafer: Thermoplastic

*Mates with A2001 Series Housing

A2001WV-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	2.00	6.00
03	4.00	8.00
04	6.00	10.00
05	8.00	12.00
06	10.00	14.00
07	12.00	16.00
08	14.00	18.00
09	16.00	20.00
10	18.00	22.00
11	20.00	24.00
12	22.00	26.00
13	24.00	28.00
14	26.00	30.00
15	28.00	32.00
16	30.00	34.00
17	32.00	36.00
18	34.00	38.00

Unit:mm

A2001WR

2.00mm Pitch 90° Wafer

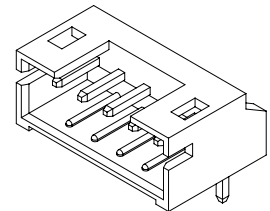
Reference Information:

*Material: Pin: Copper Alloy

Wafer: Thermoplastic

*Mates with A2001 Series Housing

A2001WR-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						

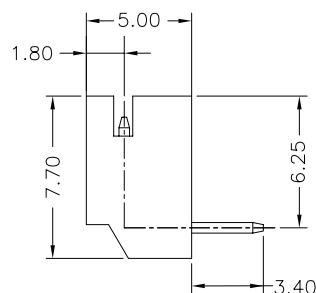
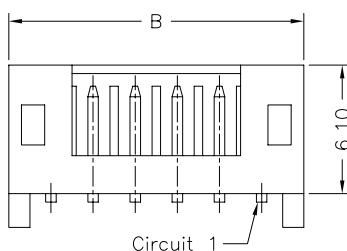
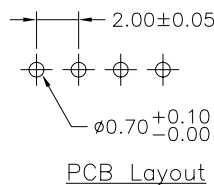
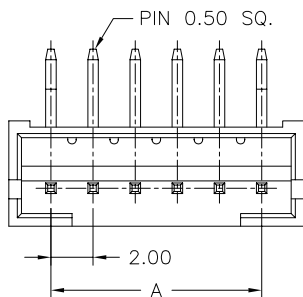
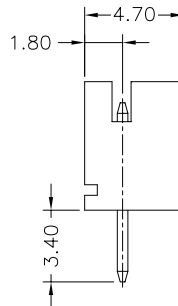
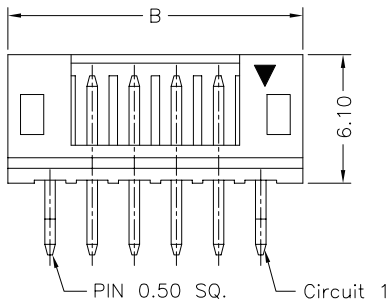
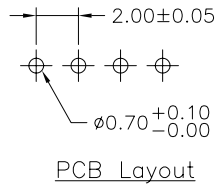
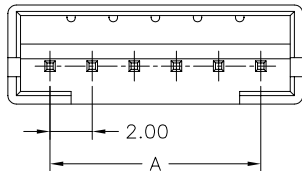


Dimensions:

Circuit No.	Dimensions	
	A	B
02	2.00	6.00
03	4.00	8.00
04	6.00	10.00
05	8.00	12.00
06	10.00	14.00
07	12.00	16.00
08	14.00	18.00
09	16.00	20.00
10	18.00	22.00
11	20.00	24.00
12	22.00	26.00
13	24.00	28.00
14	26.00	30.00
15	28.00	32.00
16	30.00	34.00
17	32.00	36.00
18	34.00	38.00

Unit:mm

A
B
C
F





A2001 SERIES

2.00mm Pitch Wire to Board Connector

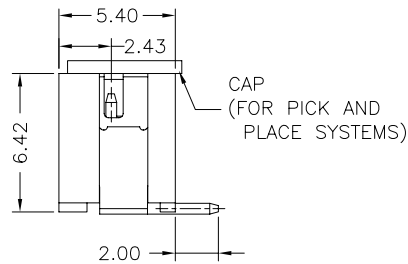
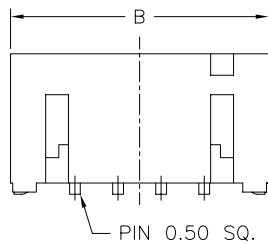
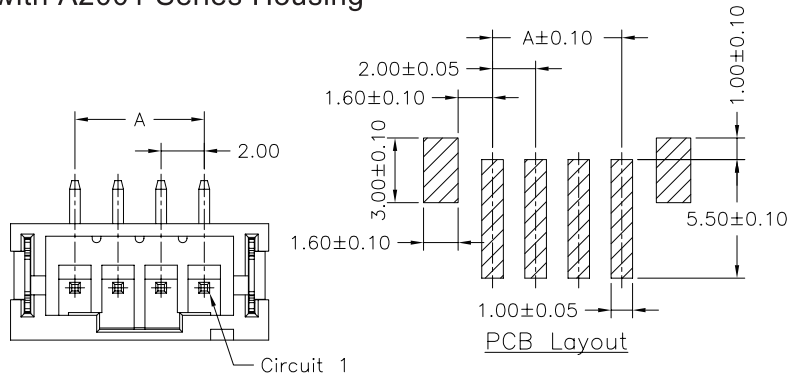
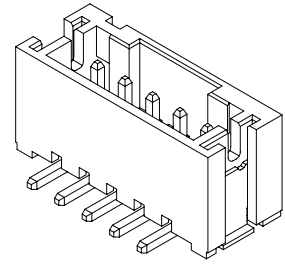
A2001WV-S

2.00mm Pitch 180° Wafer - SMT Type

Reference Information:

- *Material: Pin: Copper Alloy
Solder Tabs: Copper Alloy
Wafer: Thermoplastic
Cap: Thermoplastic
- *Mates with A2001 Series Housing

A2001WV-S-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	2.00	8.00
03	4.00	10.00
04	6.00	12.00
05	8.00	14.00
06	10.00	16.00
07	12.00	18.00
08	14.00	20.00
09	16.00	22.00
10	18.00	24.00
11	20.00	26.00
12	22.00	28.00
13	24.00	30.00
14	26.00	32.00
15	28.00	34.00
16	30.00	36.00

Unit:mm

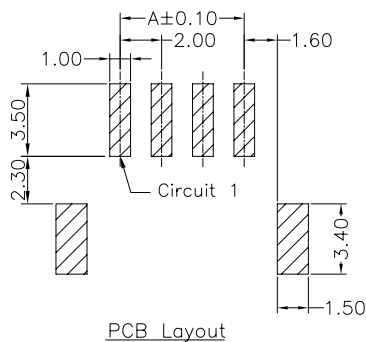
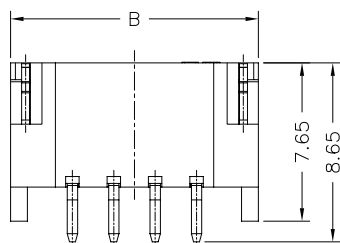
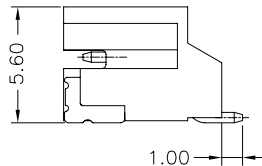
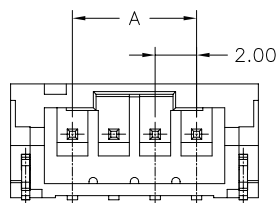
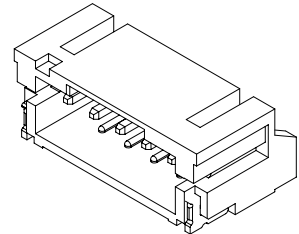
A2001WR-S

2.00mm Pitch 90° Wafer - SMT Type

Reference Information:

- *Material: Pin: Copper Alloy
Solder Tabs: Copper Alloy
Wafer: Thermoplastic
- *Mates with A2001 Series Housing

A2001WR-S-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	2.00	8.00
03	4.00	10.00
04	6.00	12.00
05	8.00	14.00
06	10.00	16.00
07	12.00	18.00
08	14.00	20.00
09	16.00	22.00
10	18.00	24.00
11	20.00	26.00
12	22.00	28.00
13	24.00	30.00
14	26.00	32.00
15	28.00	34.00
16	30.00	36.00

Unit:mm



A2001 SERIES

2.00mm Pitch Wire to Board Connector

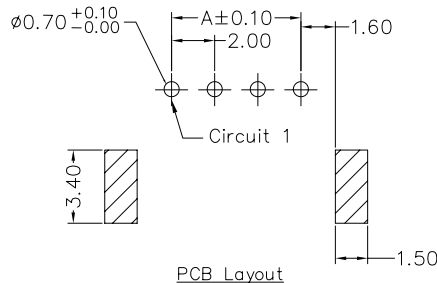
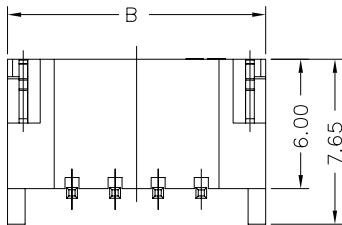
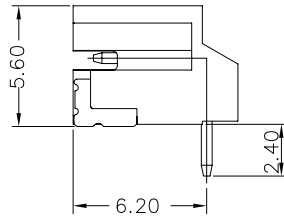
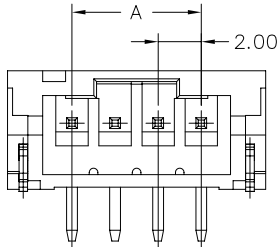
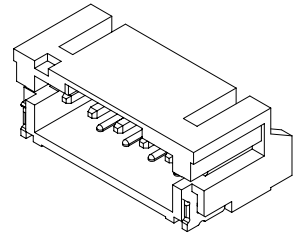
A2001WRA

—2.00mm Pitch 90° Wafer—

Reference Information:

- *Material: Pin: Copper Alloy
Solder Tabs: Copper Alloy
Wafer: Thermoplastic
- *Mates with A2001 Series Housing

A2001WRA-XP									
①	②	③	④	⑤	⑥	⑦			
①	②	③	④	⑤	⑥	⑦			
①	②	③	④	⑤	⑥	⑦			
①	②	③	④	⑤	⑥	⑦			
①	②	③	④	⑤	⑥	⑦			
①	②	③	④	⑤	⑥	⑦			
①	②	③	④	⑤	⑥	⑦			
①	②	③	④	⑤	⑥	⑦			
①	②	③	④	⑤	⑥	⑦			



Dimensions:

Circuit No.	Dimensions	
	A	B
02	2.00	8.00
03	4.00	10.00
04	6.00	12.00
05	8.00	14.00
06	10.00	16.00
07	12.00	18.00
08	14.00	20.00
09	16.00	22.00
10	18.00	24.00
11	20.00	26.00
12	22.00	28.00
13	24.00	30.00
14	26.00	32.00
15	28.00	34.00
16	30.00	36.00

Unit:mm

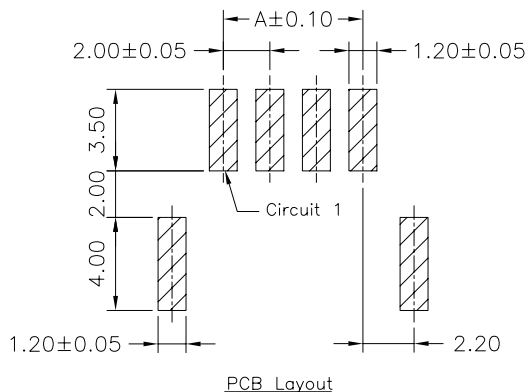
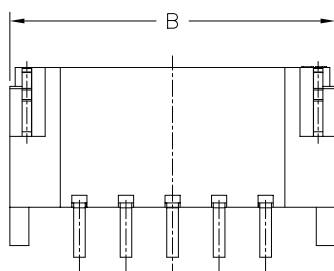
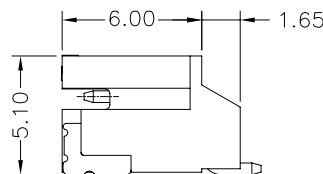
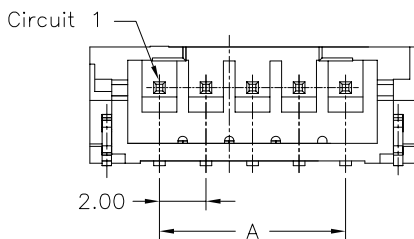
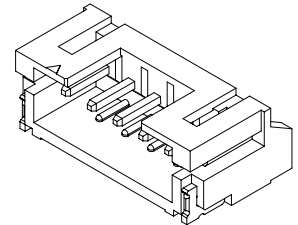
A2001WRA-S

—2.00mm Pitch 90° Wafer - SMT Type—

Reference Information:

- *Material: Pin: Copper Alloy
Solder Tabs: Copper Alloy
Wafer: Thermoplastic
- *Mates with A2001 Series Housing

A2001WRA-S-XP									
①	②	③	④	⑤	⑥	⑦			
①	②	③	④	⑤	⑥	⑦			
①	②	③	④	⑤	⑥	⑦			
①	②	③	④	⑤	⑥	⑦			
①	②	③	④	⑤	⑥	⑦			
①	②	③	④	⑤	⑥	⑦			
①	②	③	④	⑤	⑥	⑦			
①	②	③	④	⑤	⑥	⑦			
①	②	③	④	⑤	⑥	⑦			



Dimensions:

Circuit No.	Dimensions	
	A	B
02	2.00	8.00
03	4.00	10.00
04	6.00	12.00
05	8.00	14.00
06	10.00	16.00
07	12.00	18.00
08	14.00	20.00
09	16.00	22.00
10	18.00	24.00
11	20.00	26.00
12	22.00	28.00
13	24.00	30.00
14	26.00	32.00
15	28.00	34.00
16	30.00	36.00

Unit:mm



A2001 SERIES

2.00mm Pitch Wire to Board Connector

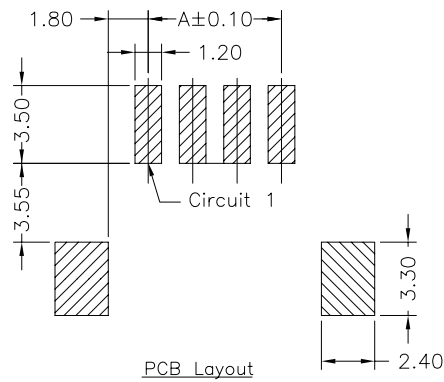
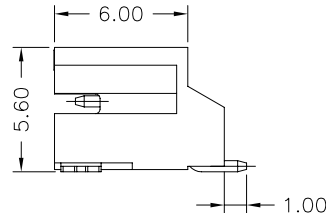
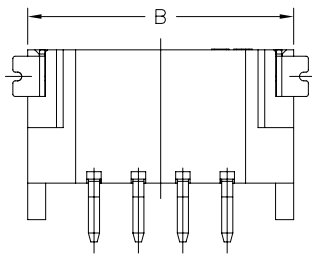
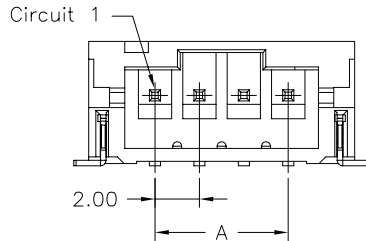
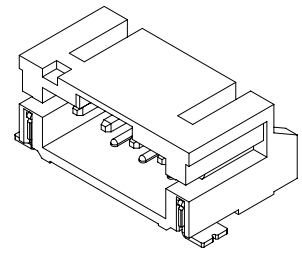
A2001WRB-S

2.00mm Pitch 90° Wafer - SMT Type

Reference Information:

- *Material: Pin: Copper Alloy
Solder Tabs: Copper Alloy
Wafer: Thermoplastic
- *Mates with A2001 Series Housing

A2001WRB-S-XP	X	X	X	XX	X	XX	X
① Halogen Free or Not	①	②	③	④	⑤	⑥	⑦
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	2.00	8.00
03	4.00	10.00
04	6.00	12.00
05	8.00	14.00
06	10.00	16.00
07	12.00	18.00
08	14.00	20.00
09	16.00	22.00
10	18.00	24.00
11	20.00	26.00
12	22.00	28.00
13	24.00	30.00
14	26.00	32.00
15	28.00	34.00
16	30.00	36.00

Unit:mm

A

B

C

F