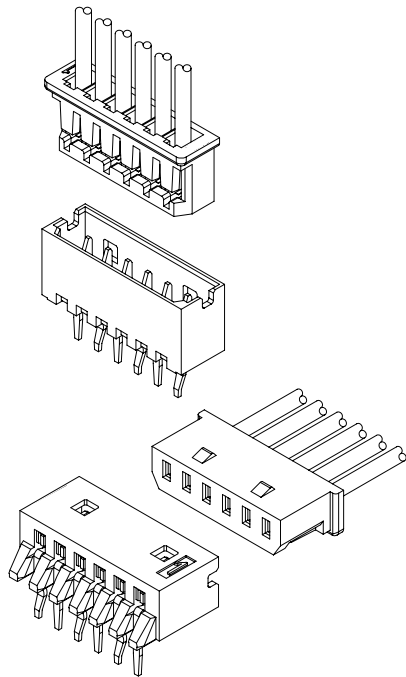




Specifications

Current Rating: 0.5A~2A AC,DC(Per Pin)

Voltage Rating: 125V AC,DC(Per Pin)

Temperature Range: -25°C ~ +85°C

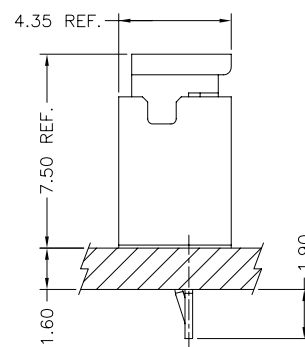
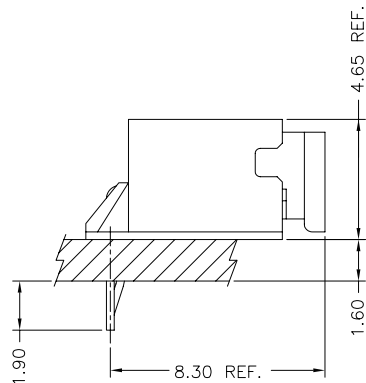
Contact Resistance: 20mΩ Max.

Insulation Resistance: 1000MΩ Min.

Withstanding Voltage: 800V AC/minute

Standards

Assembly Layout



Ordering Code

① ② ③ ④
A2004 - 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
A2004 XX - XP

- ① Series No.
- ② Connector Type: WV=Vertical, WR=Right Angle
- ③ No. of Circuits

① ② ③
A2004 X - XP

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



A2004 SERIES

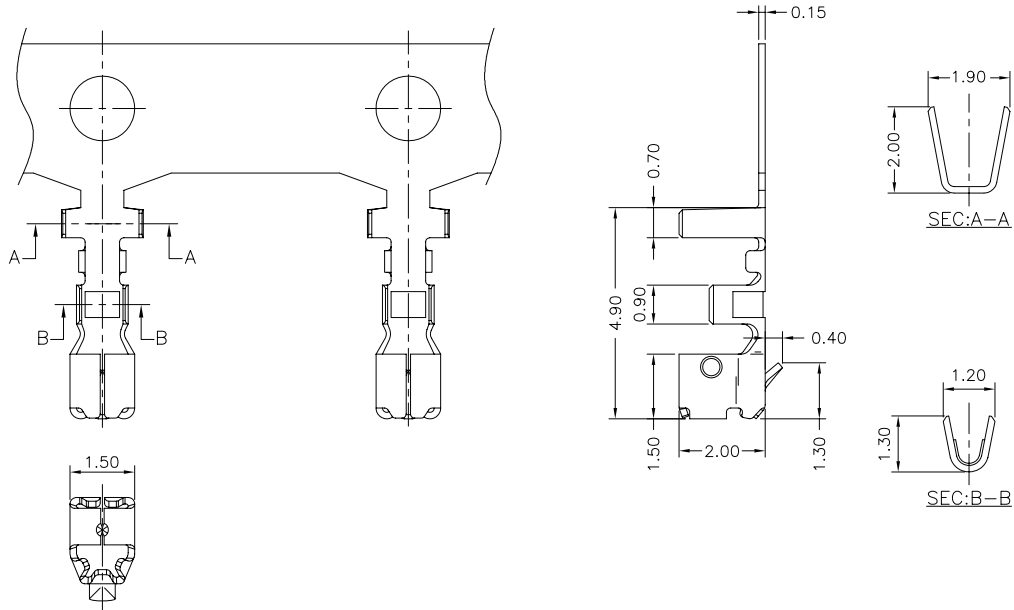
2.00mm Pitch Wire to Board Connector

A2004-XXX

2.00mm Pitch Crimp Terminal

Reference Information:

*Used in A2004 Series Housing



Ordering Information & Specifications:

Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/Reel
A2004-TPE	AWG#24-#30	1.40mm(Max)	Phosphor Bronze	Tin-Plated	10,000Pcs

Note:E-Stamping Before Plating

A2004H

2.00mm Pitch Housing

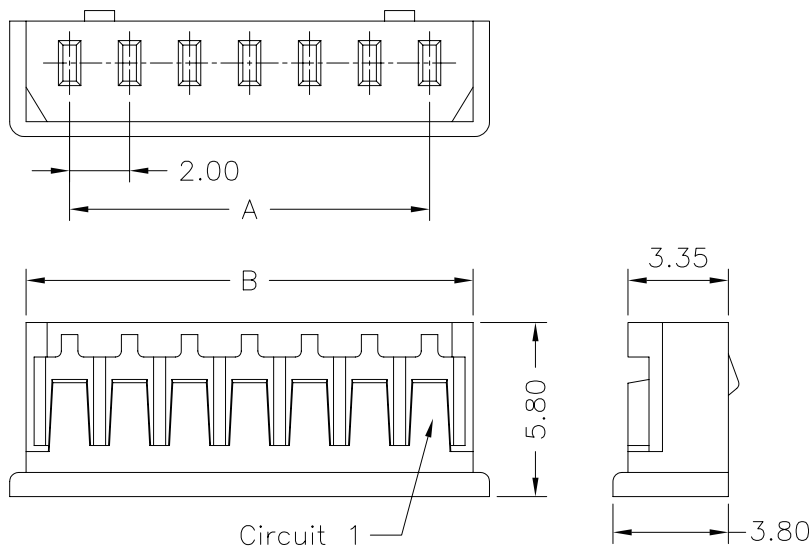
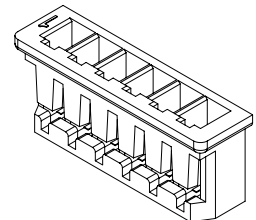
Reference Information:

*Material: Thermoplastic

*Suitable A2004 Series Terminal

*Mates with A2004 Series Wafer

A2004H-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	4.90
03	4.00	6.90
04	6.00	8.90
05	8.00	10.90
06	10.00	12.90
07	12.00	14.90
08	14.00	16.90
09	16.00	18.90
10	18.00	20.90
11	20.00	22.90
12	22.00	24.90
13	24.00	26.90
14	26.00	28.90
15	28.00	30.90

Unit:mm



A2004 SERIES

2.00mm Pitch Wire to Board Connector

A2004WV

— 2.00mm Pitch 180° Wafer —

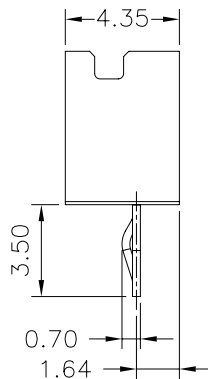
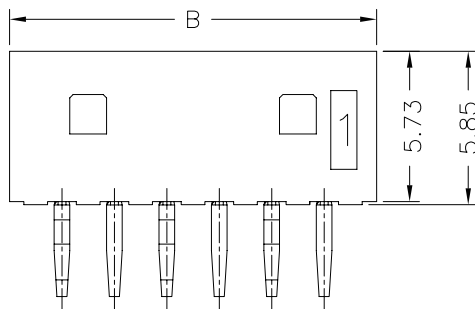
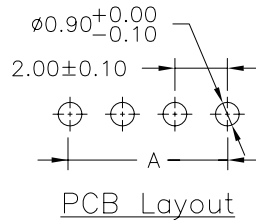
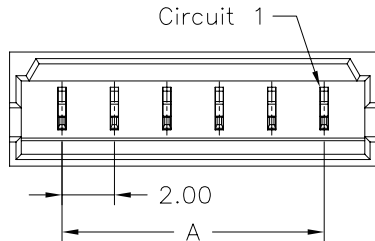
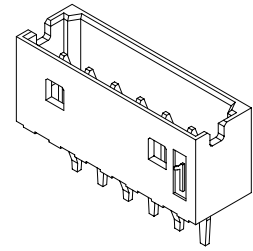
Reference Information:

*Material: Pin: Copper Alloy

Wafer: Thermoplastic

*Mates with A2004 Series Housing

A2004WV-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

Unit:mm

A2004WR

— 2.00mm Pitch 90° Wafer —

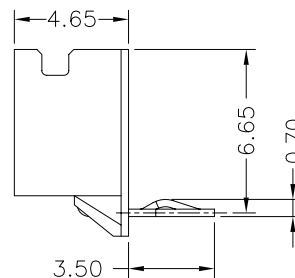
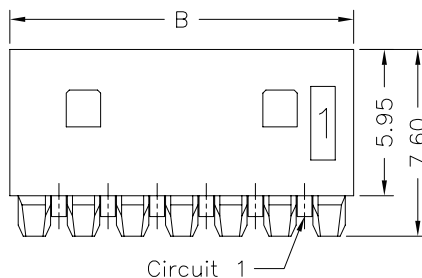
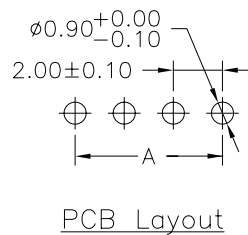
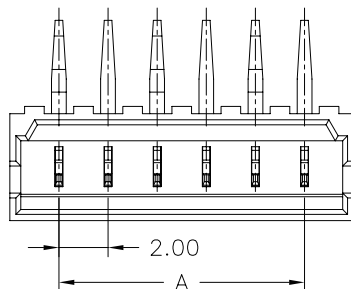
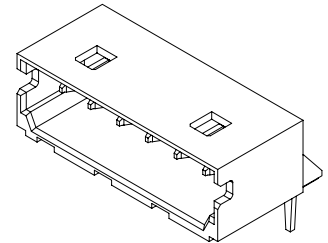
Reference Information:

*Material: Pin: Copper Alloy

Wafer: Thermoplastic

*Mates with A2004 Series Housing

A2004WR-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

Unit:mm