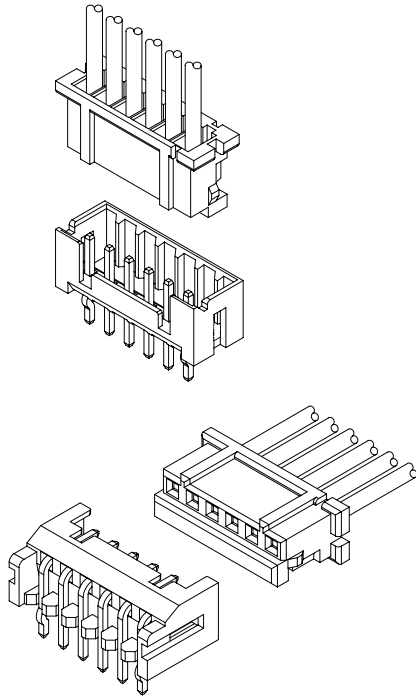


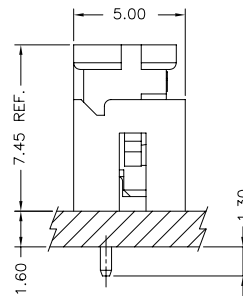
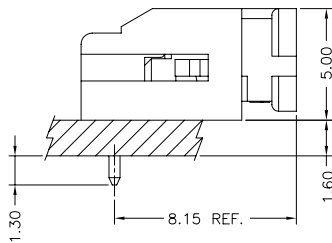


Specifications

Current Rating: 1A~3A AC,DC(Per Pin)
Voltage Rating: 250V AC,DC(Per Pin)
Temperature Range: -25°C ~ +85°C
Contact Resistance: 30mΩ Max.
Insulation Resistance: 1000MΩ Min.
Withstanding Voltage: 650V AC/minute

A
B
C
F

Assembly Layout



Ordering Code

① ② ③ ④
A2005 - X X X

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

① ② ③
A2005 XX - XP

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

① ② ③
A2005 X - XP

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



A2005 SERIES

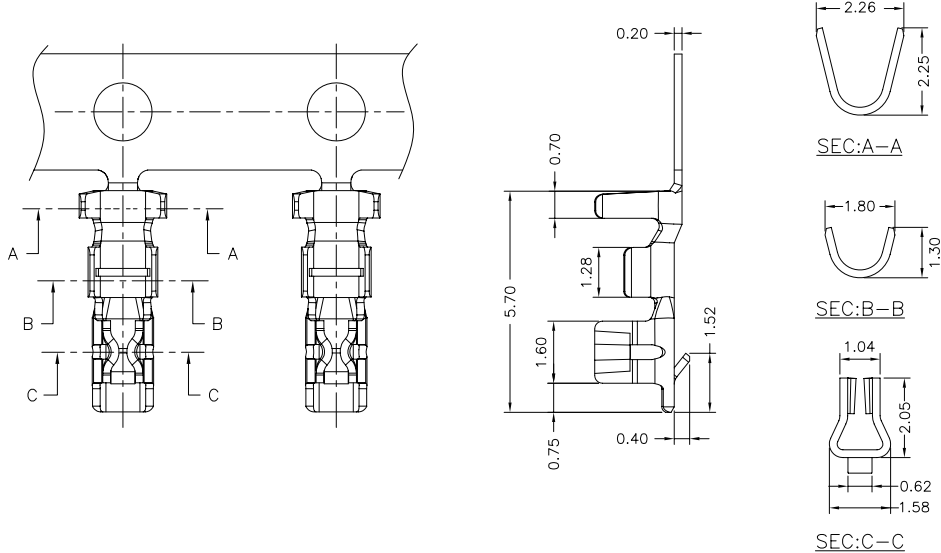
2.00mm Pitch Wire to Board Connector

A2005-XXX

— 2.00mm Pitch Crimp Terminal —

Reference Information:

*Used in A2005 Series Housing



Ordering Information & Specifications:

Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/Reel
A2005-TPE	AWG#22-#28	1.45mm(max)	Phosphor Bronze	Tin-Plated	10,000Pcs
A2005-GPE	AWG#22-#28	1.45mm(max)	Phosphor Bronze	Gold-Plated	10,000Pcs

Note:E-Stamping Before Plating

A2005H

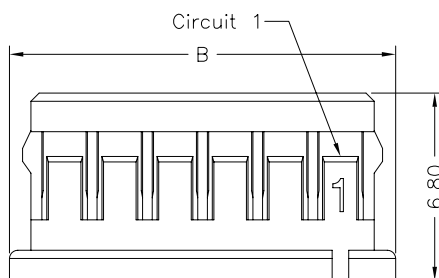
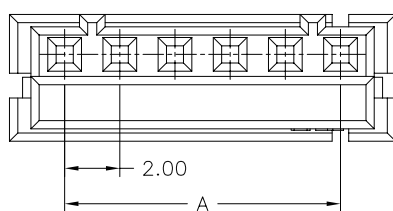
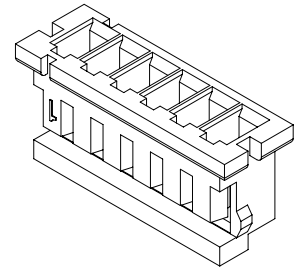
— 2.00mm Pitch Housing —

Reference Information:

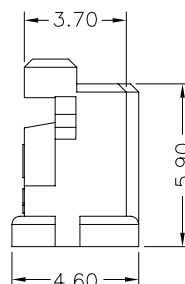
*Material: Thermoplastic

*Suitable A2005 Series Terminal

*Mates with A2005 Series Wafer



A2005H-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



A2005 SERIES

2.00mm Pitch Wire to Board Connector

A2005WV

— 2.00mm Pitch 180° Wafer —

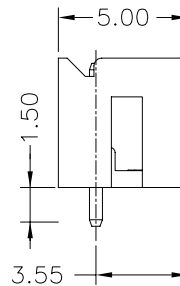
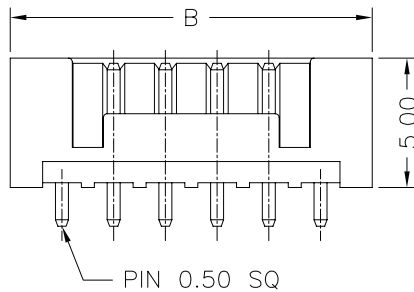
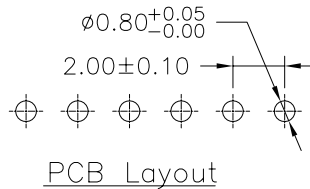
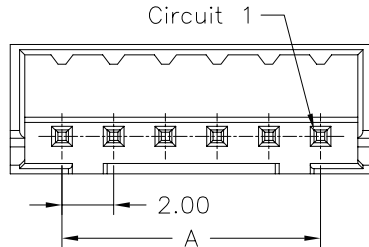
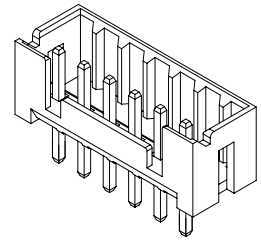
Reference Information:

*Material: Pin: Copper Alloy

Wafer: Thermoplastic

*Mates with A2005 Series Housing

A2005WV-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

A2005WR

— 2.00mm Pitch 90° Wafer —

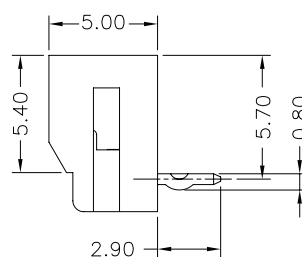
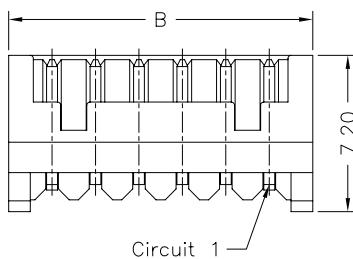
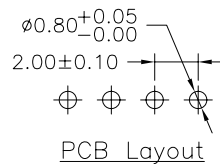
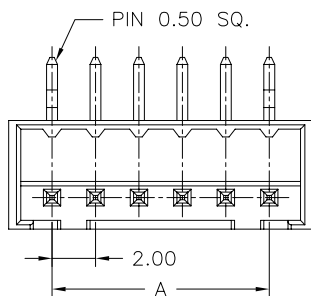
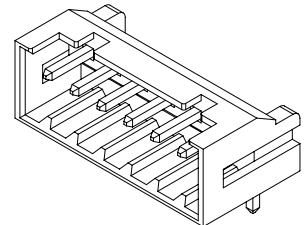
Reference Information:

*Material: Pin: Copper Alloy

Wafer: Thermoplastic

*Mates with A2005 Series Housing

A2005WR-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

A
B
C
F



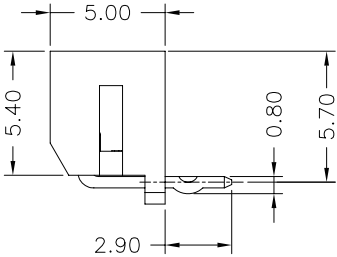
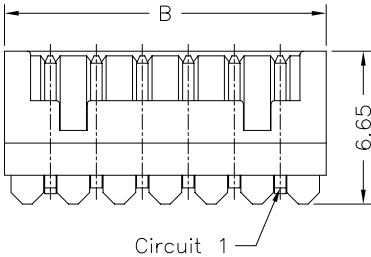
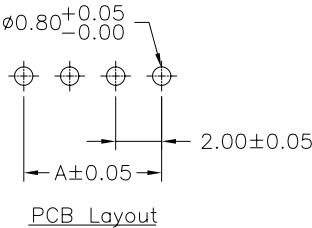
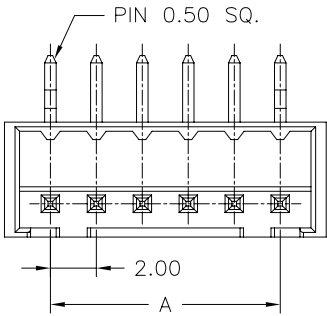
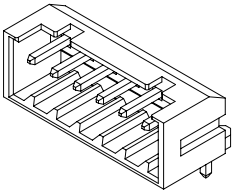
A2005WRA

2.00mm Pitch 90° Wafer

Reference Information:

- *Material: Pin: Copper Alloy
Wafer: Thermoplastic
- *Mates with A2005 Series Housing

A2005WRA-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