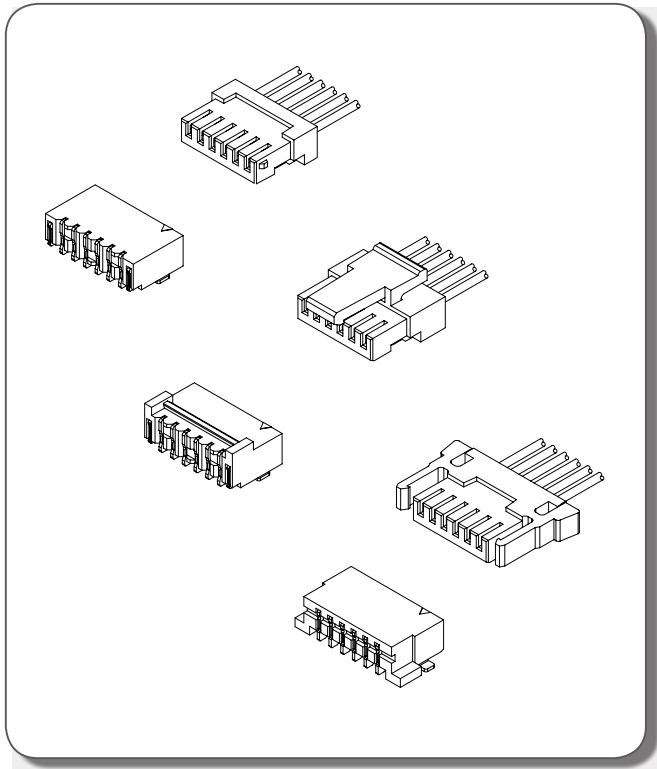


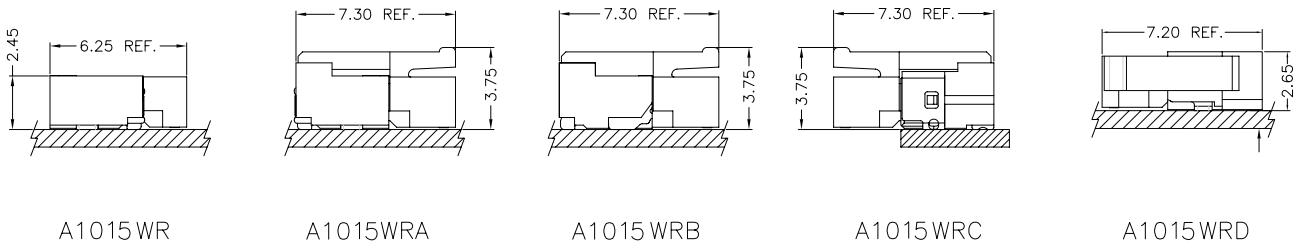


Specifications

Current Rating: 0.5~1A AC,DC(Per Pin)
Voltage Rating: 50V AC,DC(Per Pin)
Temperature Range: -25°C ~ +85°C
Contact Resistance: 20mΩ Max.
Insulation Resistance: 100MΩ Min.
Withstanding Voltage: 500V AC/minute

A
B
C
F

Assembly Layout



Ordering Code

① ② ③ ④ ⑤
A1015 - X 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
- ⑤ Option Code: (Refer to Drawings)

① ② ③ ④
A1015 X X - XP

- ① Series No.
- ② Housing Type: H=Housing
- ③ Blank=Normal Type, A=A Type, D=D Type
- ④ No. of Circuits

① ② ③ ④ ⑤
A1015 XX X - X - XP

- ① Series No.
- ② Connector Type: WR=Right Angle
- ③ Blank=Normal Type, A=A Type, B=B Type, C=C Type, D=D Type
- ④ Mounting Type: S=SMT
- ⑤ No. of Circuits



A1015 SERIES

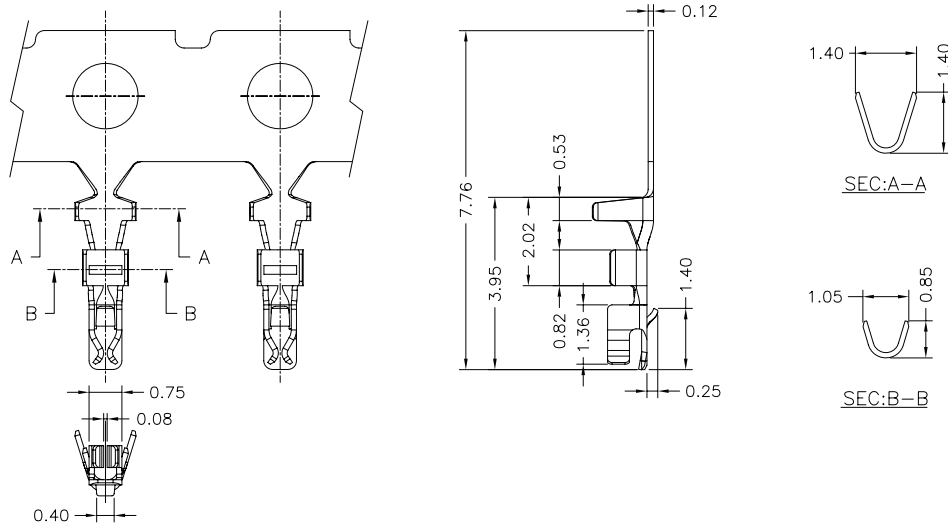
1.00mm Pitch Wire to Board Connector

A 1015-XXX

1.00mm Pitch Crimp Terminal

Reference Information:

*Used in A1015 Series Housing



Ordering Information & Specifications:

Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/Reel
A1015-TPE-A	AWG#28-#32	0.80mm(Max)	Phosphor Bronze	Tin-Plated	15,000Pcs
A1015-GPE-A	AWG#28-#32	0.80mm(Max)	Phosphor Bronze	Gold-Plated	15,000Pcs

Note:E-Stamping Before Plating

A 1015H

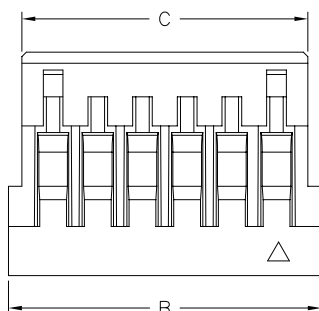
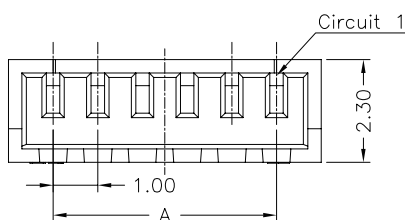
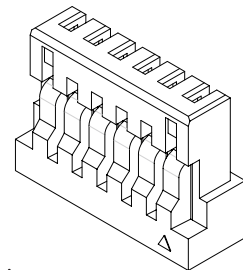
1.00mm Pitch Housing

Reference Information:

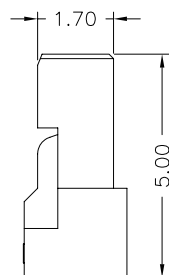
*Material: Thermoplastic

*Suitable A1015 Series Terminal

*Mates with A1015WR Series Wafer



A1015H-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	1.00	3.00	2.40
03	2.00	4.00	3.40
04	3.00	5.00	4.40
05	4.00	6.00	5.40
06	5.00	7.00	6.40
07	6.00	8.00	7.40
08	7.00	9.00	8.40
09	8.00	10.00	9.40
10	9.00	11.00	10.40
11	10.00	12.00	11.40
12	11.00	13.00	12.40
13	12.00	14.00	13.40
14	13.00	15.00	14.40
15	14.00	16.00	15.40
16	15.00	17.00	16.40
17	16.00	18.00	17.40
18	17.00	19.00	18.40
19	18.00	20.00	19.40
20	19.00	21.00	20.40

Unit:mm



A1015 SERIES

1.00mm Pitch Wire to Board Connector

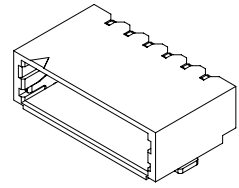
A1015WR-S

1.00mm Pitch 90° Wafer - SMT Type

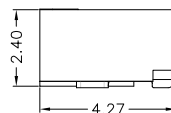
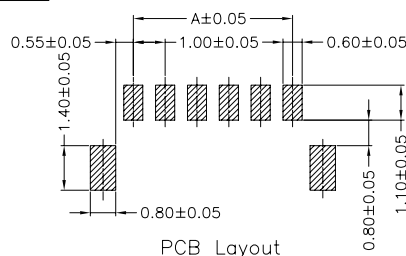
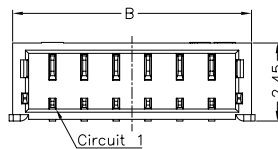
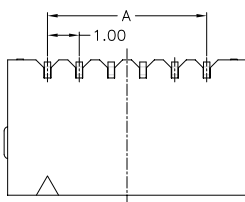
Reference Information:

*Material: Pin: Copper Alloy
Solder Tabs: Copper Alloy
Wafer: Thermoplastic

*Mates with A1015H Series Housing



A1015WR-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	1.00	3.50
03	2.00	4.50
04	3.00	5.50
05	4.00	6.50
06	5.00	7.50
07	6.00	8.50
08	7.00	9.50
09	8.00	10.50
10	9.00	11.50
11	10.00	12.50
12	11.00	13.50
13	12.00	14.50
14	13.00	15.50
15	14.00	16.50
16	15.00	17.50
17	16.00	18.50
18	17.00	19.50
19	18.00	20.50
20	19.00	21.50

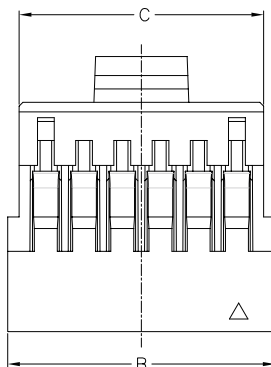
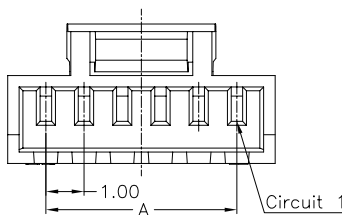
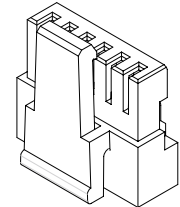
Unit:mm

A1015HA

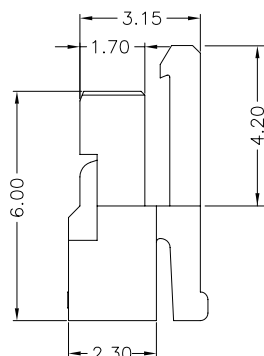
1.00mm Pitch Housing

Reference Information:

*Material: Thermoplastic
*Suitable A1015 Series Terminal
*Mates with A1015WRA, A1015WRB, A1015WRC Series Wafer



A1015HA-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	1.00	3.00	2.40
03	2.00	4.00	3.40
04	3.00	5.00	4.40
05	4.00	6.00	5.40
06	5.00	7.00	6.40
07	6.00	8.00	7.40
08	7.00	9.00	8.40
09	8.00	10.00	9.40
10	9.00	11.00	10.40
11	10.00	12.00	11.40
12	11.00	13.00	12.40
13	12.00	14.00	13.40
14	13.00	15.00	14.40
15	14.00	16.00	15.40
16	15.00	17.00	16.40
17	16.00	18.00	17.40
18	17.00	19.00	18.40
19	18.00	20.00	19.40
20	19.00	21.00	20.40

Unit:mm



A1015 SERIES

1.00mm Pitch Wire to Board Connector

A1015WRA-S

1.00mm Pitch 90° Wafer - SMT Type

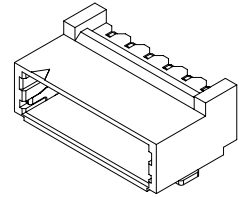
Reference Information:

*Material: Pin: Copper Alloy

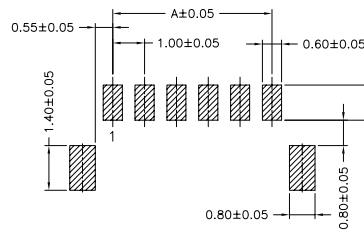
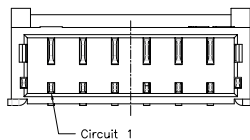
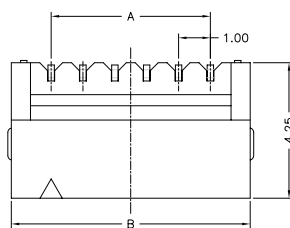
Solder Tabs: Copper Alloy

Wafer: Thermoplastic

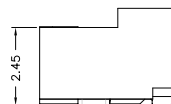
*Mates with A1015HA Series Housing



A1015WRA-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						



PCB Layout



Dimensions:

Circuit No.	Dimensions	
	A	B
02	1.00	3.50
03	2.00	4.50
04	3.00	5.50
05	4.00	6.50
06	5.00	7.50
07	6.00	8.50
08	7.00	9.50
09	8.00	10.50
10	9.00	11.50
11	10.00	12.50
12	11.00	13.50
13	12.00	14.50
14	13.00	15.50
15	14.00	16.50
16	15.00	17.50
17	16.00	18.50
18	17.00	19.50
19	18.00	20.50
20	19.00	21.50

Unit:mm

A1015WRB-S

1.00mm Pitch 90° Wafer - SMT Type

Reference Information:

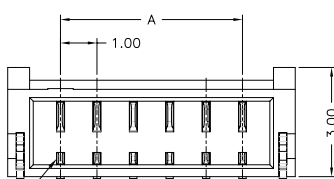
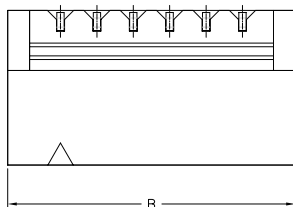
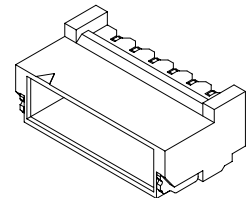
*Material: Pin: Copper Alloy

Solder Tabs: Copper Alloy

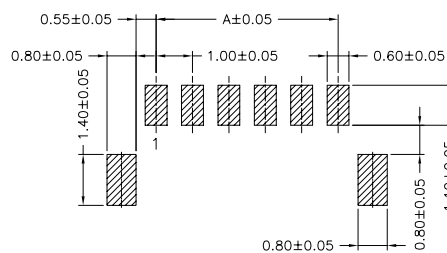
Wafer: Thermoplastic

*Mates with A1015HA Series Housing

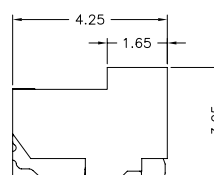
A1015WRB-S-XP	X	X	X	XX	X	XX	X
	①	②	③	④	⑤	⑥	⑦
①	Halogen Free or Not						
②	Material						
③	Color						
④	Plating Code for Contacts						
⑤	Plating Code						
⑥	Option Code						
⑦	Packing Code						



Circuit 1



PCB Layout



Dimensions:

Circuit No.	Dimensions	
	A	B
02	1.00	3.90
03	2.00	4.90
04	3.00	5.90
05	4.00	6.90
06	5.00	7.90
07	6.00	8.90
08	7.00	9.90
09	8.00	10.90
10	9.00	11.90
11	10.00	12.90
12	11.00	13.90
13	12.00	14.90
14	13.00	15.90
15	14.00	16.90
16	15.00	17.90
17	16.00	18.90
18	17.00	19.90
19	18.00	20.90
20	19.00	21.90

Unit:mm



A1015 SERIES

1.00mm Pitch Wire to Board Connector

A1015WRC-S-06P

1.00mm Pitch 90° Wafer - SMT Type

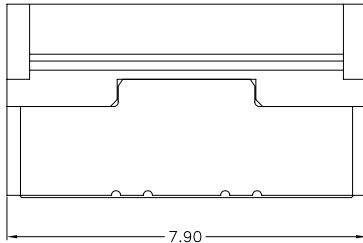
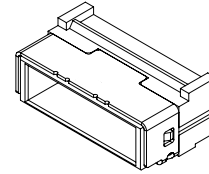
Reference Information:

*Material: Pin: Copper Alloy

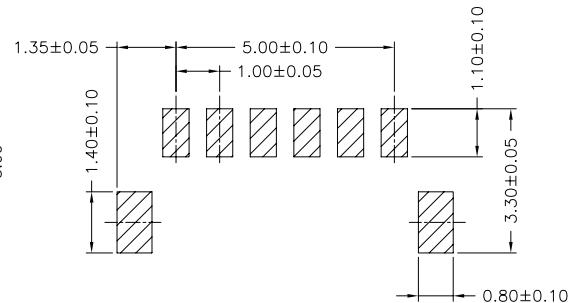
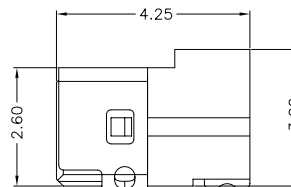
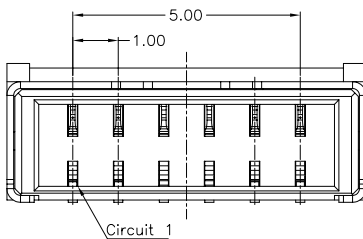
Solder Tabs: Copper Alloy

Wafer: Thermoplastic

*Mates with A1015HA Series Housing



A1015WRC-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						



PCB Layout

A1015HD

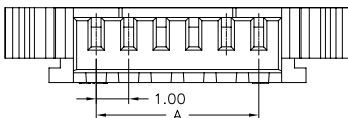
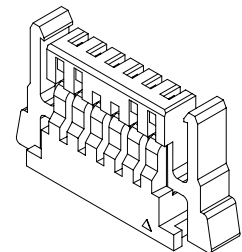
1.00mm Pitch Housing

Reference Information:

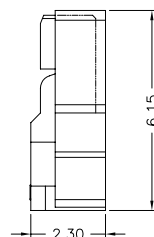
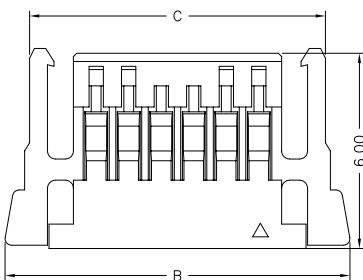
*Material: Thermoplastic

*Suitable A1015 Series Terminal

*Mates with A1015WRD Series Wafer



A1015HD-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	1.00	6.60	5.10
03	2.00	7.60	6.10
04	3.00	8.60	7.10
05	4.00	9.60	8.10
06	5.00	10.60	9.10
07	6.00	11.60	10.10
08	7.00	12.60	11.10
09	8.00	13.60	12.10
10	9.00	14.60	13.10
11	10.00	15.60	14.10
12	11.00	16.60	15.10
13	12.00	17.60	16.10
14	13.00	18.60	17.10
15	14.00	19.60	18.10
16	15.00	20.60	19.10
17	16.00	21.60	20.10
18	17.00	22.60	21.10
19	18.00	23.60	22.10
20	19.00	24.60	23.10

Unit:mm

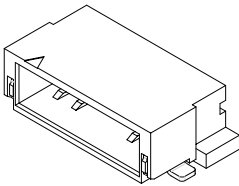


A1015WRD-S

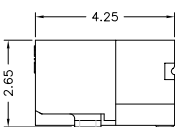
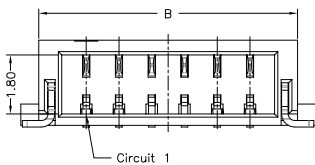
1.00mm Pitch 90° Wafer - SMT Type

Reference Information:

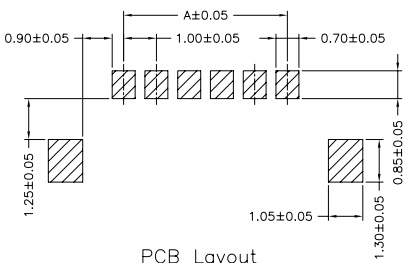
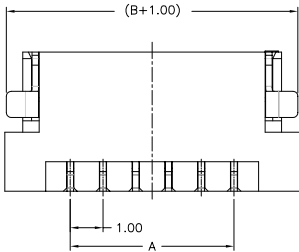
- *Material: Pin: Copper Alloy
Solder Tabs: Copper Alloy
Wafer: Thermoplastic
- *Mates with A1015HD Series Housing



A
B
C
F



A1015WRD-S-XP							<u>X</u>	<u>X</u>	<u>X</u>	<u>XX</u>	<u>X</u>	<u>XX</u>	<u>X</u>
							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	1.00	3.90
03	2.00	4.90
04	3.00	5.90
05	4.00	6.90
06	5.00	7.90
07	6.00	8.90
08	7.00	9.90
09	8.00	10.90
10	9.00	11.90
11	10.00	12.90
12	11.00	13.90
13	12.00	14.90
14	13.00	15.90
15	14.00	16.90
16	15.00	17.90
17	16.00	18.90
18	17.00	19.90
19	18.00	20.90
20	19.00	21.90

Unit:mm