

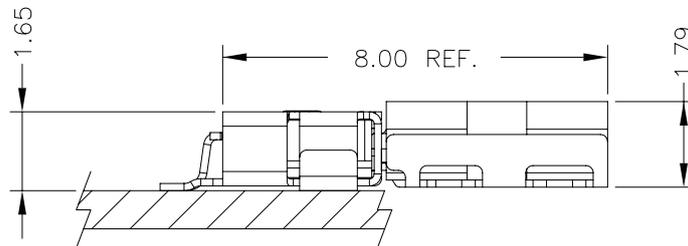
### Specifications

Current Rating: 0.5A~1A AC,DC(Per Pin)  
 Voltage Rating: 200V AC,DC(Per Pin)  
 Temperature Range: -25°C ~ +85°C  
 Contact Resistance: 40mΩ Max.  
 Insulation Resistance: 100MΩ Min.  
 Withstanding Voltage: 500V AC/minute

A  
B  
C  
F

### Standards

### Assembly Layout



### Ordering Code

① ② ③ ④  
**A1001-X X X**

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

① ② ③ ④  
**A1001 XX-X-XP**

- ① Series No.
- ② Connector Type: WR=Right Angle
- ③ Mounting Type: S=SMT
- ④ No. of Circuits

① ② ③  
**A1001 X-XP**

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



# A1001 SERIES

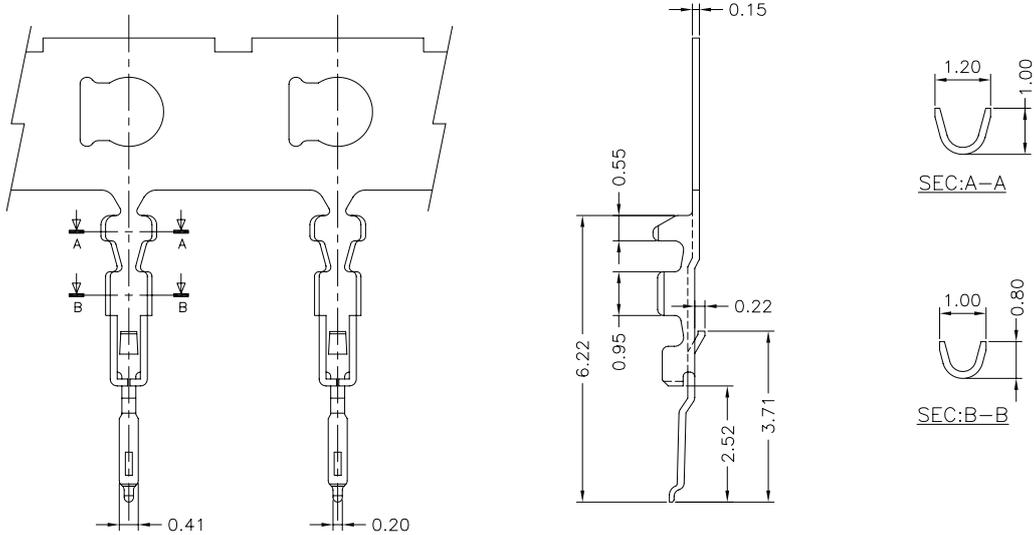
1.00mm Pitch Wire to Board Connector

## A 1001-XXX

1.00mm Pitch Crimp Terminal

### Reference Information:

\*Used in A1001 Series Housing



Ordering Information & Specifications:

Unit:mm

Part No.	Wire Range	Insulation O.D.	Material	Finish	Qty/Reel
A1001-GPE-A	AWG#28-#36	0.50mm(Max)	Phosphor Bronze	Gold-Plated	20,000Pcs
A1001-GPE-A2	AWG#28-#36	0.50mm(Max)	Phosphor Bronze	Gold-Plated 30u"	20,000Pcs

Note:E-Stamping Before Plating

## A 1001H

1.00mm Pitch Housing

### Reference Information:

\*Material: Housing: Thermoplastic

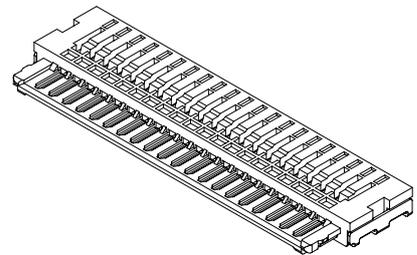
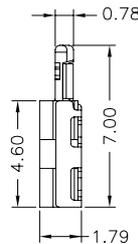
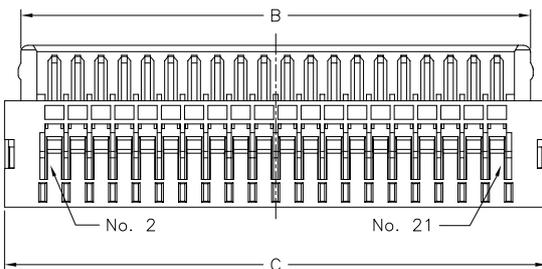
Shell: Copper Alloy

\*Suitable A1001 Series Terminal

\*Mates with A1001 Series Wafer

A1001H-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
20	19.00	21.88	23.28
30	29.00	31.88	33.28

Unit:mm

A  
B  
C  
F

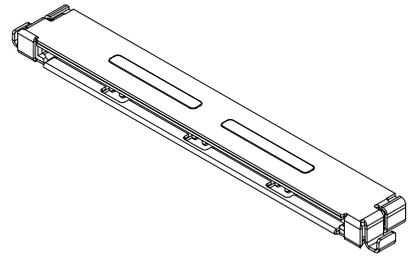


### A1001WR-S

1.00mm Pitch 90° Wafer - SMT Type

#### Reference Information:

- \*Material: Pin: Copper Alloy  
Shell: Copper Alloy  
Wafer: Thermoplastic
- \*Mates with A1001 Series Housing



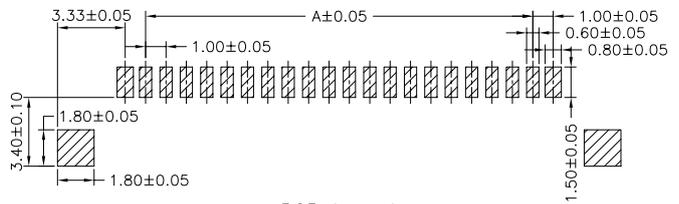
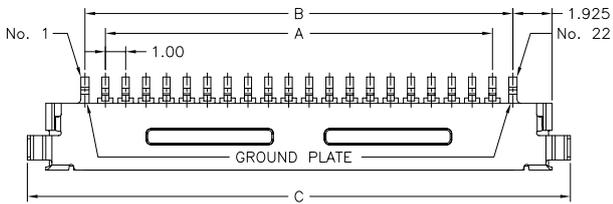
A1001WR-S-XP	X	X	X	XX	X	XX	X
	①	②	③	④	⑤	⑥	⑦

① Halogen Free or Not  
② Material  
③ Color  
④ Plating Code for Contacts  
⑤ Plating Code  
⑥ Option Code  
⑦ Packing Code

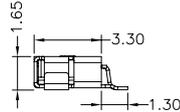
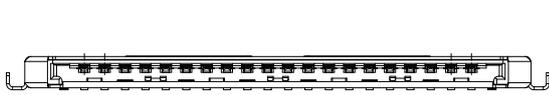
#### Dimensions:

Circuit No.	Dimensions		
	A	B	C
20	19.00	21.00	26.65
30	29.00	31.00	36.65

Unit:mm



PCB Layout



A  
B  
C  
F