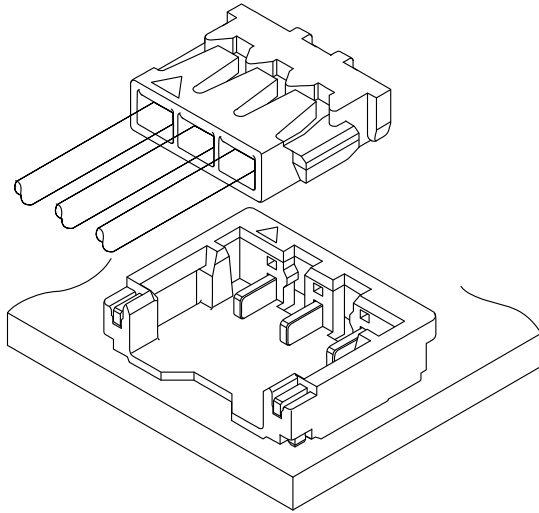


# A1201 ACH CONNECTOR

1.20mm Pitch/Disconnectable Crimp style connectors



This ACH connector is compact and low profile type, height 1. mm and width 43mm, 12mm pitch wire-to-board connector.

- . Top entry but side feed type
- . Connector for DC power supply
- . Corresponding to sucking nozzle of pick and place machine

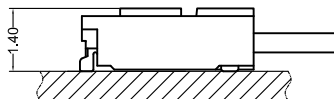


## Specifications:

- Current rating: 2.0 A / 1~3Pin AC,DC(AWG#28)  
1.5A / 4~5Pin AC,DC(AWG#28)
- Voltage rating: 50 V AC/DC
- Temperature range: -40℃ ~ +105℃  
(including temperature rise in applying electrical current)
- Contact resistance: Initial value/ 20m Ω max  
After environmental tests/20mQ max.
- Insulation resistance: 100 M Ω min
- Withstanding voltage: 500 VAC/minute
- Applicable wire: Conductor size/ AWG#32~#28  
Insulation O.D./ 0.38 to 0.63 mm
- \* Compliant with RoHS2/ REACH
- \* Refer to "General Instruction and Notice when using Terminals and Connectors"
- \* Contact CSG for details

## Material:

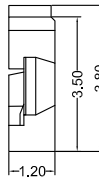
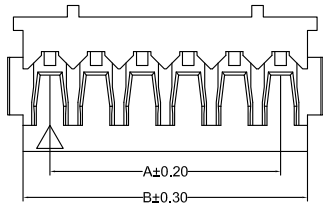
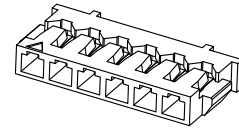
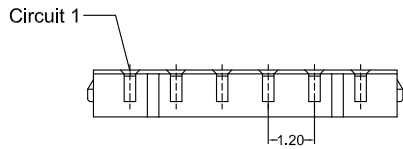
Housing: PA66/UL94-V0;Color:White  
Terminal: Phosphor/ Gold-Plated  
Wafer Housing: PA46,UL94-V0;Color:Natural  
Wafer Pin: Phosphor/ Gold-Plated  
Wafer Fixed Foot: Brass/ Tin-plated



- Note: 1. The above figure is the figure viewed from the connector mounting side.  
2. Tolerances are non-cumulative:  $\pm 0.08$  mm for all centers.  
3. The dimensions above should serve as a guideline. Contact CSG for details.

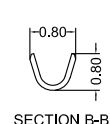
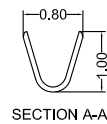
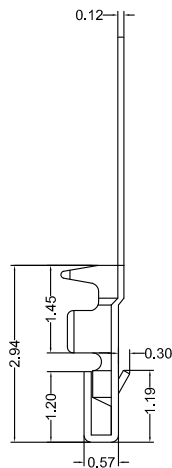
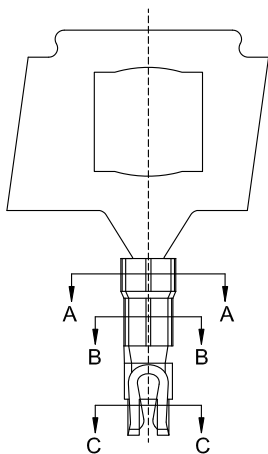
**CSG**

# A1201 ACH



A1201HF 0XX AA P6 9 016  
 PIN 005=5PINS  
 SPECIAL  
 AA=NO Special  
 Material  
 P6=PA66 94V-0  
 Code 016  
 Color g=White

| CSG PART NO.       | Dimension mm |       | Q'ty/BAG |
|--------------------|--------------|-------|----------|
|                    | A            | B     |          |
| A1201HF002AAP69016 | 1.20         | 2.60  | 1000PCS  |
| A1201HF003AAP69016 | 2.40         | 3.80  | 1000PCS  |
| A1201HF004AAP69016 | 3.60         | 5.00  | 1000PCS  |
| A1201HF005AAP69016 | 4.80         | 6.20  | 1000PCS  |
| A1201HF006AAP69016 | 6.00         | 7.40  | 1000PCS  |
| A1201HF007AAP69016 | 7.20         | 8.60  | 1000PCS  |
| A1201HF008AAP69016 | 8.40         | 9.80  | 1000PCS  |
| A1201HF009AAP69016 | 9.60         | 11.00 | 1000PCS  |
| A1201HF010AAP69016 | 10.80        | 12.20 | 1000PCS  |
| A1201HF011AAP69016 | 12.00        | 14.40 | 1000PCS  |
| A1201HF012AAP69016 | 13.20        | 16.60 | 1000PCS  |
| A1201HF013AAP69016 | 14.40        | 17.80 | 1000PCS  |
| A1201HF014AAP69016 | 15.60        | 19.00 | 1000PCS  |
| A1201HF015AAP69016 | 16.80        | 20.20 | 1000PCS  |

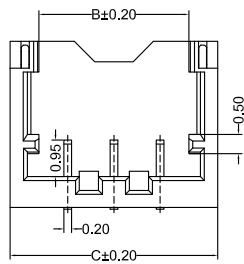
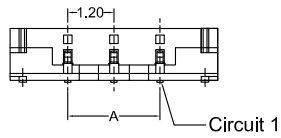


A1201 M 0 A GF 016  
 Type  
 M=Female Terminal  
 Material  
 A=Phosphor  
 Finish  
 GF=Gold-Plated  
 Code 016

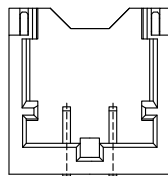
| CSG PART NO.  | Wire Range | Insulation O.D. | Q'ty/Reel |
|---------------|------------|-----------------|-----------|
| A1201M0AGF016 | AWG#28-#32 | 0.63mm(max)     | 15000PCS  |

**CSG**

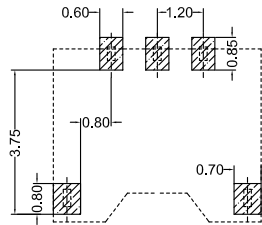
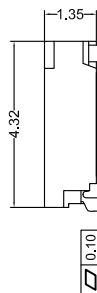
# A1201 ACH



3P~15P

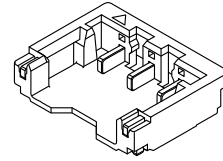


2P



Recommended P.C.B Layout  
General Tolerance±0.05

A1201VS.0XX AA P4 GF B A 016  
PIN  
002=2PINS  
SPECIAL  
AA=NO Special  
Material  
P4=PA46 94V-0  
Finish  
GF=Gold-Plated  
Code  
016  
Color  
A=Natural  
Packaging  
B=Tape & Reel



| CSG PART NO.          | Dimension mm |       |       | Q'ty/Reel |
|-----------------------|--------------|-------|-------|-----------|
|                       | A            | B     | C     |           |
| A1201VS002AAP4XXBA016 | 1.20         | 2.70  | 4.20  | 4500PCS   |
| A1201VS003AAP4XXBA016 | 2.40         | 3.90  | 5.40  | 4500PCS   |
| A1201VS004AAP4XXBA016 | 3.60         | 5.10  | 6.60  | 4500PCS   |
| A1201VS005AAP4XXBA016 | 4.80         | 6.30  | 7.80  | 4500PCS   |
| A1201VS006AAP4XXBA016 | 6.00         | 7.50  | 9.00  | 4500PCS   |
| A1201VS007AAP4XXBA016 | 7.20         | 8.70  | 10.20 | 4500PCS   |
| A1201VS008AAP4XXBA016 | 8.40         | 9.90  | 11.40 | 4500PCS   |
| A1201VS009AAP4XXBA016 | 9.60         | 11.10 | 12.60 | 4500PCS   |
| A1201VS010AAP4XXBA016 | 10.80        | 12.30 | 13.80 | 4500PCS   |
| A1201VS011AAP4XXBA016 | 12.00        | 13.50 | 15.00 | 4500PCS   |
| A1201VS012AAP4XXBA016 | 13.20        | 14.70 | 16.20 | 4500PCS   |
| A1201VS013AAP4XXBA016 | 14.40        | 15.90 | 17.40 | 4500PCS   |
| A1201VS014AAP4XXBA016 | 15.60        | 17.10 | 18.60 | 4500PCS   |
| A1201VS015AAP4XXBA016 | 16.80        | 18.30 | 19.80 | 4500PCS   |

**CSG**