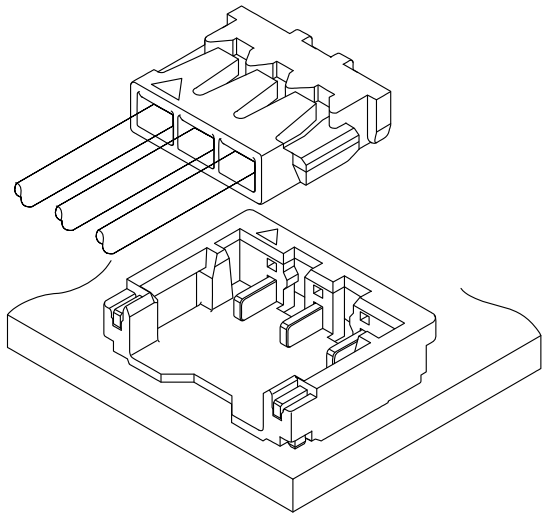
A1201 ACH CONNECTOR

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

E529482

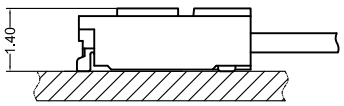
Specifications:

- 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/ 20mΩ max
  After environmental tests/20mQ max.
- Insulation resistance: 100 MΩ 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

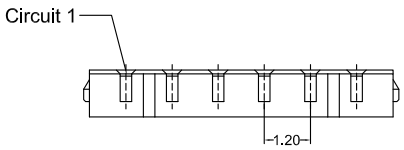


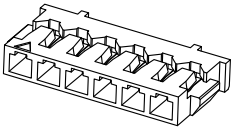
Note: 1. The above figure is the figure viewed from the connector mounting side.
2. Tolerances are non-cumulative: ±0.08 mm for all centers.
3.The dimensions above should serve as a guideline.Contact CSG for details.

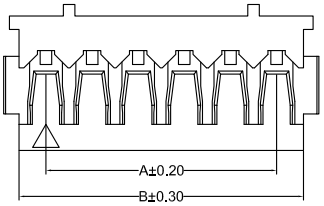
CSG

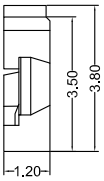
Tel:+86-769-85312070 85375507 E-mail:James@csg-china.com www.csg-china.com

A1201 ACH

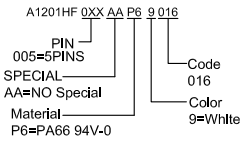




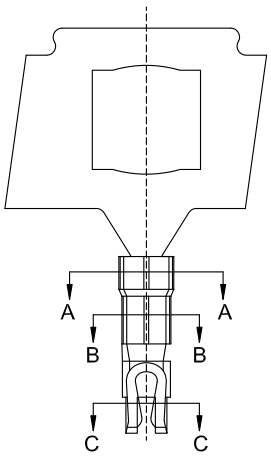




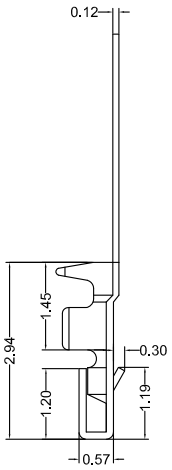




CSG PART NO.	Dimension mm		Q'ty/BAG
	A	B	
A1201HF002AAP69016	1.20	2.60	1000PCS
A1201HF003AAP69016	2.40	3.80	1000PCS
A1201HF004AAP69016	3.60	5.00	1000PCS
A1201HF005AAP69016	4.80	6.20	1000PCS
A1201HF006AAP69016	6.00	7.40	1000PCS
A1201HF007AAP69016	7.20	8.60	1000PCS
A1201HF008AAP69016	8.40	9.80	1000PCS
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



SECTION C-C

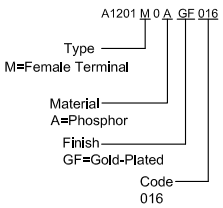




SECTION A-A



SECTION B-B



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

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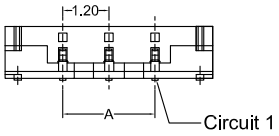
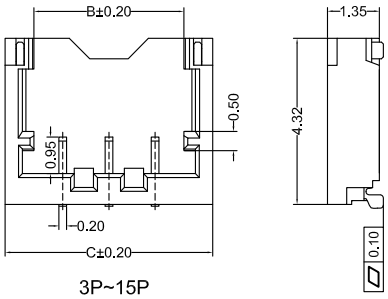
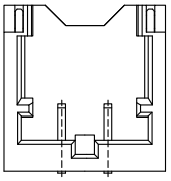
A1201 ACH

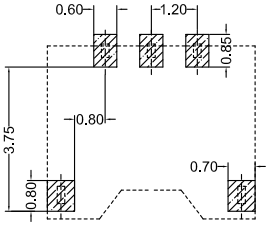




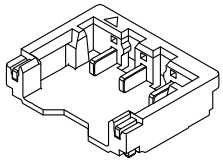
3P~15P

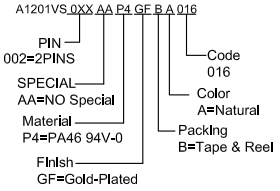


2P



Recommended P.C.B Layout
General Tolerance±0.05





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

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