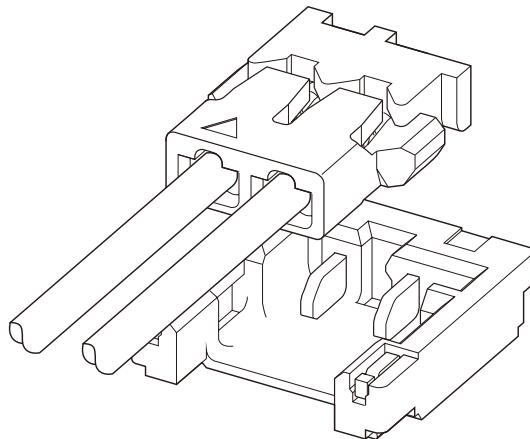




# ACHL CONNECTOR

**1.2mm pitch/Disconnectable Crimp style connectors**



**This connector is stacking height 1.2mm and 1.2mm pitch.**  
**In addition, in spite of it, rated current is 2A with wire size AWG#28.**  
**And about the crimping tool such as the applicator, it is possible to use that of ACH connector.**

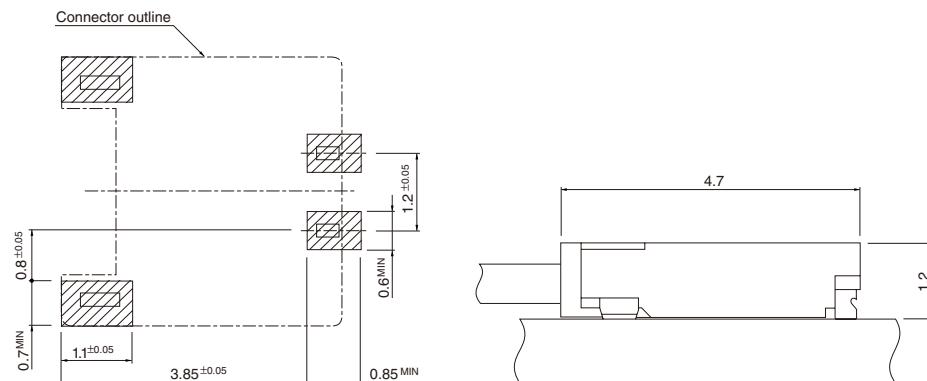
- **Top entry but side feed type**
- **Connector for power supply**
- **Corresponding to sucking nozzle of pick and place machine**

## Specifications

- Current rating: 2.0A AC, DC (AWG #28)
- Voltage rating: 50V AC, DC
- Temperature range: -25°C to +85°C  
(including temperature rise in applying electrical current)
- Contact resistance: Initial value/10mΩ max.  
After environmental testing/20mΩ max.
- Insulation resistance: 100MΩ min.
- Withstanding voltage: 500V AC/minute
- Applicable wire: Conductor size/AWG #30 to #28  
Insulation O.D./0.50 to 0.63mm

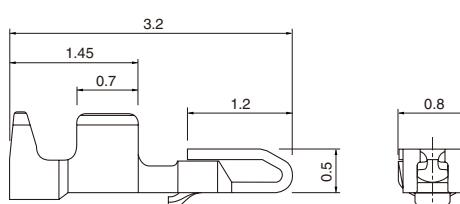
\* Compliant with RoHS.  
\* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.  
\* Contact JST for details.

## PC board layout and Assembly layout



Note: 1. Tolerances are non-cumulative:  $\pm 0.05\text{mm}$  for all centers.  
2. The dimensions above should serve as a guideline. Contact JST for details.

## Contact



Model No.	Applicable wire		Insulation O.D. (mm)	Q'ty / reel
	mm <sup>2</sup>	AWG#		
<b>SACHL-003G-P0.2</b>	0.05~0.08	30~28	0.50~0.63	30,000

### Material and Finish

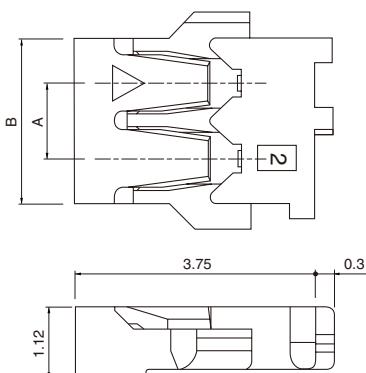
Copper alloy, nickel-undercoated, gold-plated

### RoHS compliance

Contact	Crimping machine	Applicator		
		Crimp applicator	Dies	Crimp applicator with dies
<b>SACHL-003G-P0.2</b>	AP-K2N	MKS-L-10-3	MK/SACH-003-02	APLMK SACH003-02

# ACHL CONNECTOR

## Housing



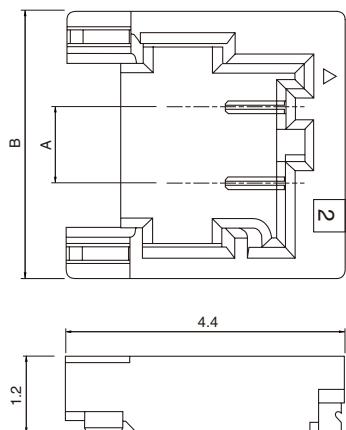
Circuits	Model No.	Dimensions (mm)		Q'ty / bag
		A	B	
2	<b>ACHLR-02V-S</b>	1.2	2.6	1,000

### Material

PBT, UL94V-0, natural

### RoHS compliance

## Shrouded header



Circuits	Model No.	Dimensions (mm)		Q'ty / reel
		A	B	
2	<b>BM02B-ACHLKS-GAN-ETF</b>	1.2	4.2	5,000

Contact: Copper alloy, nickel-undercoated, gold-plated (nickel-stripe)

Housing: Heat resisting resin, UL94V-0, black

Reinforcement: Copper alloy, copper-undercoated, tin-plated (reflow treatment)

**RoHS compliance** This product displays (LF)(SN) on a label.