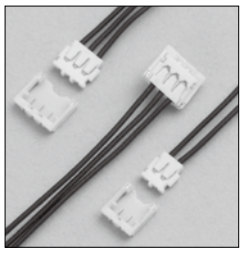
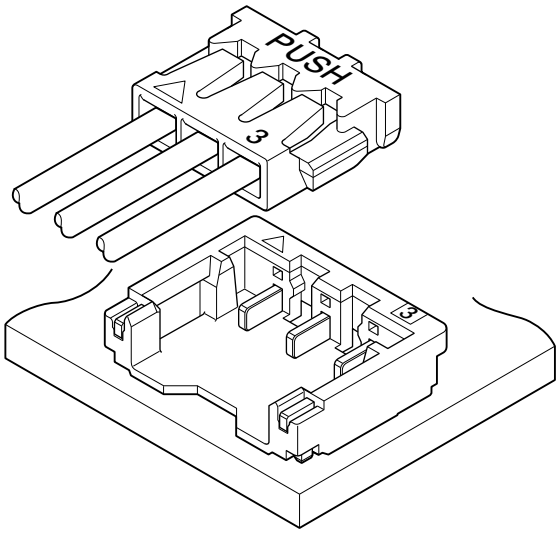


ACH CONNECTOR

Emboss Tape

1.2 mm pitch/Disconnectable Crimp style connectors



This ACH connector is compact and low profile type, height 1.4 mm and width 4.3 mm, 1.2 mm 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

■ Standards

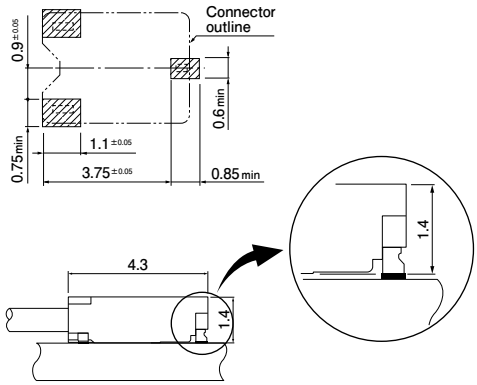
: Recognized E60389
: Certified LR20812

■ Specifications

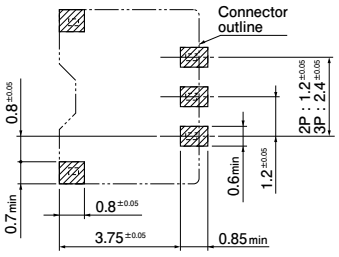
- Current rating: 2 A/1 to 3 circuits AC/DC (AWG #28)
  1.5 A/4, 5 circuits AC/DC (AWG #28)
- Voltage rating: 50 V AC, DC
- Temperature range: -25℃ to +85℃
  (including temperature rise in applying electrical current)
- Contact resistance:Initial value/ 10 mΩ max.
  After environmental tests/ 20 mΩ max.
- Insulation resistance: 100 MΩ min.
- Withstanding voltage: 500 VAC/minute
- Applicable wire: Conductor size/ AWG #32 to #28
  Insulation O.D./ 0.38 to 0.63 mm

* In using the products, refer to "Handling Precaution for Terminals and Connectors"described on our website (Technical documents of Product infomation page).
* Dimensional unit: mm
* RoHS2 Compliance
* Contact JST for details.

<Single circuit>



<2, 3 circuits>



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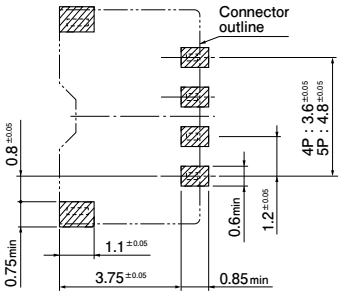
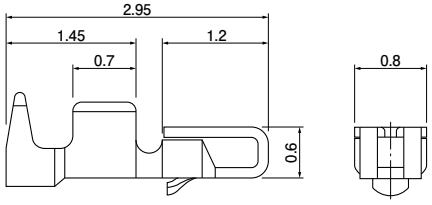


Note: 1. The above figure is the figure viewed from the connector mounting side.
2. Tolerances are non-cumulative: ± 0.05mm for all centers.
3. The dimensions above should serve as a guideline. Contact JST for details.

Contact



Model No.	Applicable wire		Insulation O.D. (mm)	Q'ty/reel
	mm²	AWG#		
SACH-003G-P0.2	0.05 to 0.08	30 to 28	0.5 to 0.63	30,000
SACH-003G-P0.2B	0.032 to 0.05	32 to 30	0.38 to 0.5	30,000

Material and Finish
Copper alloy, nickel-undercoated, gold-plated

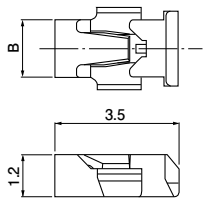
RoHS2 compliance

Contact	Crimping machine	Applicator	
		Applicator	Crimp applicator with dies
SACH-003G-P0.2	AP-K2N	MKS-L-10-3	APLMK SACH003-02
SACH-003G-P0.2B		MKS-L-10-3	APLMK SACH003-02

Note: Contact JST for fully automatic crimping applicator.

Housing

<Single circuit>



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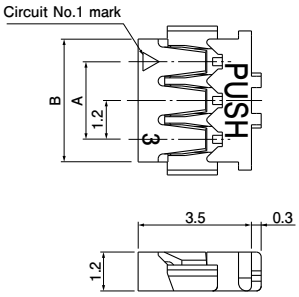
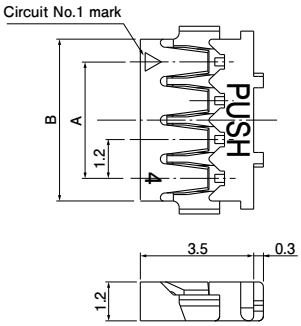


<4, 5 circuits>



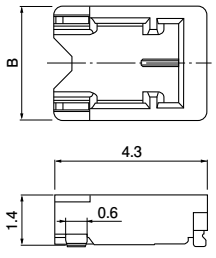
No. of circuits	Model No.	Dimensions (mm)		Q'ty/ bag
		A	B	
1	**ACHR-01V-A-S**	–	1.6	2,000
2	**ACHR-02V-S**	1.2	2.6	1,000
3	**ACHR-03V-S**	2.4	3.8	1,000
4	**ACHR-04V-A-S**	3.6	5.0	1,000
5	**ACHR-05V-A-S**	4.8	6.2	1,000

Material and Finish
PBT, UL94V-0, natural (white)

RoHS2 compliance

Header

<Single circuit>



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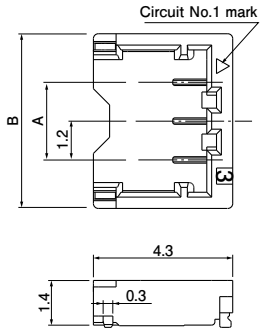

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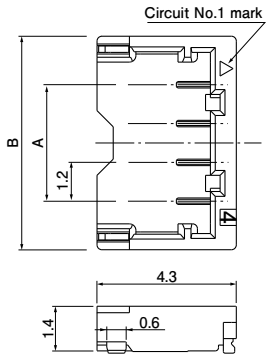


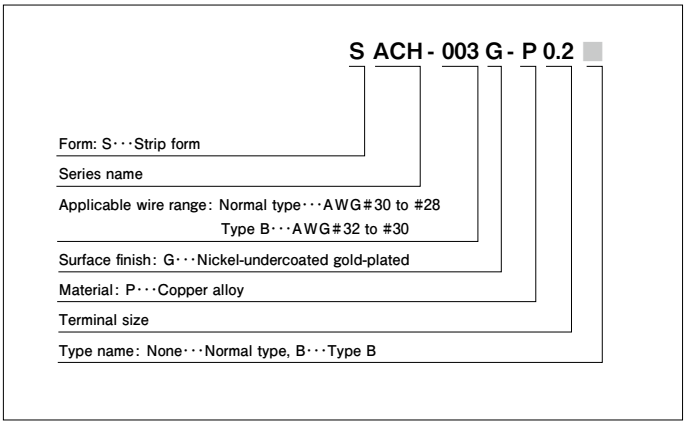
No. of circuits	Model No.	Dimensions (mm)		Q'ty/ reel
		A	B	
1	**BM01B-ACHSS-A-GAN-ETF**	–	3.2	4,500
2	**BM02B-ACHSS-GAN-ETF**	1.2	4.2	4,500
3	**BM03B-ACHSS-GAN-ETF**	2.4	5.4	4,500
4	**BM04B-ACHSS-A-GAN-ETF**	3.6	6.6	4,500
5	**BM05B-ACHSS-A-GAN-ETF**	4.8	7.8	4,500

Material and Finish
Contact: Copper alloy, nickel-undercoated, gold-plated (nickel-stripe) Housing: Heat resisting resin, UL94V-0, natural (ivory) Solder tab: Copper alloy, copper-undercoated, tin-plated (reflow treatment)

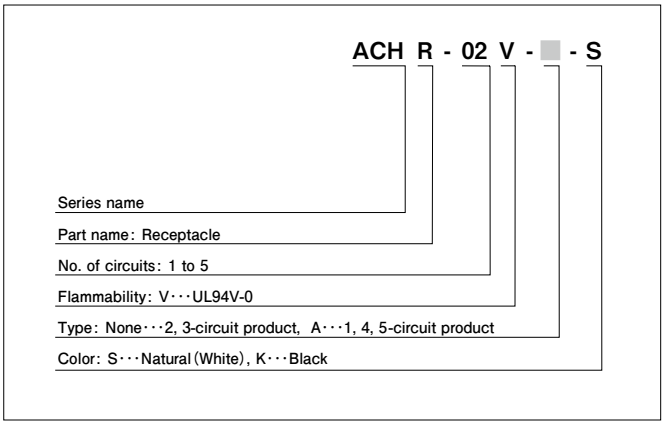
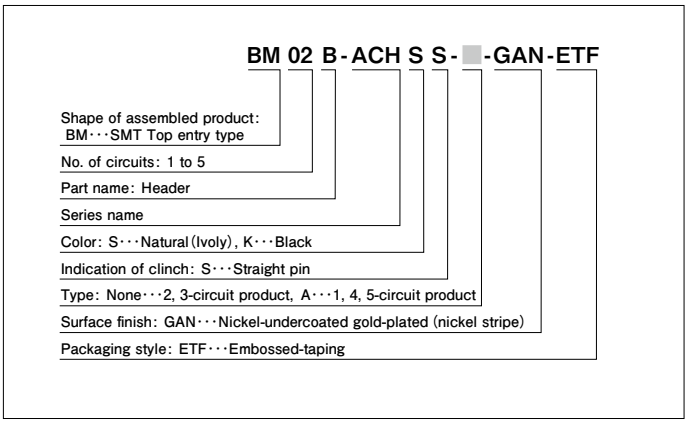
RoHS2 compliance This product displays (LF) (SN) on a label.

Model number allocation

Contact



Housing



Header