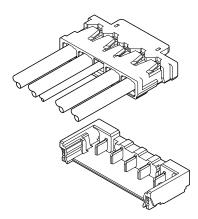


AUH CONNECTOR



Disconnectable Crimp style connectors



This AUH connector is compact and low profile type, height 1.85 mm and width 5.2 mm. wire-to-board connector. And also 5 A in rating current was realized.

- Space saving
- Top entry but side feed type
- Combination of power supply and signal circuits 3 circuits:

Power supply 2 circuits + Signal single circuit 5 circuits:

Power supply 4 circuits + Signal single circuit

• Connector for DC power supply (5 A)

Specifications —

• Current rating: Signal circuit/ 1 A AC, DC

Power supply circuit/ 5 A AC, DC (AWG #22)

• Voltage rating: 30V AC, DC

Temperature range: -25°C to +85°C

(including temperature rise in applying electrical current)

• Contact resistance: Initial value/ 10 m Ω max.

After environmental tests/ 20 m Ω max.

- Insulation resistance: 100 M Ω min.
- Withstanding voltage: 200 VAC/ minute
- Applicable wire:

Signal circuit; Conductor size/ AWG #30 to #28

Insulation O.D./ 0.5 to 0.63 mm

Power supply circuit; Conductor size/AWG #26 to #22

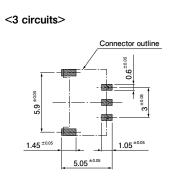
AWG #22; Recommend UL3619 made by Hitachi Cable, Led./Furukawa Electric Co., Ltd.

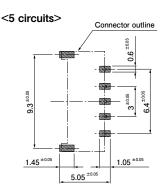
Insulation O.D./ 0.98 to 1.16 mm

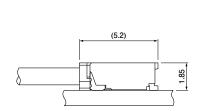
- * Refer to (General Instruction and Notice when using Terminals and Connectors) at the end of this catalog.
- * Contact JST for details.
- * Compliant with RoHS.

Standards -

Recognized E60389



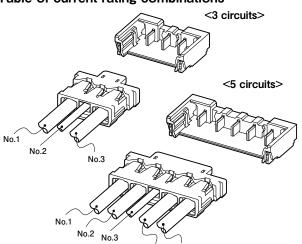




Note: 1. The above figure is the figure viewed from the connector mounting side.

2. Tolerances are non-cumulative: ± 0.05mm for all centers. The dimensions above should serve as a guideline. Contact JST for details.

Table of current rating combinations



No.4

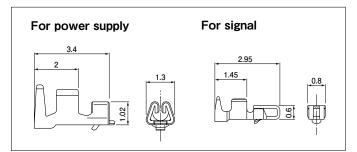
No.5

			(Current unit: A	
No. of	Power supply contact Wire to be used	Circuits No.			
circuits		No.1	No.2	No.3	
3	AWG#22	5	1	5	
	AWG#24	4	1	4	
	AWG#26	3.5	1	3.5	
		: Signa	al contact AV	VG#30 to #28	

					(Current unit: A		
No. of	Power supply	Circuits No.						
circuits	contact Wire to be used	No.1	No.2	No.3	No.4	No.5		
5	AWG#22	5	1	1	1	5		
		4	4	1	4	4		
	AWG#24	4	1	1	1	4		
		3.5	3.5	1	3.5	3.5		
	AWG#26	3.5	1	1	1	3.5		
		3	3	1	3	3		

AUH CONNECTOR

Contact



Model No.		Applicab	le wire	Insulation O.D.	Q'ty /
		mm ²	AWG#	(mm)	reel
Power supply	SAUH-001G-M0.2	0.13 to 0.33	26 to 22	0.98 to 1.16	18,000
Signal	SACH-003G-P0.2	0.05 to 0.08	30 to 28	0.5 to 0.63	30,000

Material and Finish

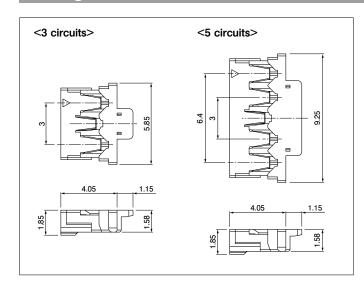
Copper alloy, nickel-undercoated, selective gold-plated

RoHS compliance

Model No.	Crimping	Applicable wire		Insulation O.D.	Applicator		
	machine	mm²	AWG#	(mm)	Crimp applicator	Dies	Crimp applicator with dies
SAUH-001G-M0.2	AP-K2N	0.13 to 0.21	26 to 24	0.98 to 1.11	MKS-L-10	MK/SAUH-001-02	APLMK SAUH001-02
					_	_	_
		0.33	22	0.98 to 1.16	MKS-L-10	MK/SAUH-001-02-K	APLMK SAUH001-02-K
					_	_	_
SACH-003G-P0.2		0.05 to 0.08 30 to 28	0.5 to 0.63	MKS-L-10-3	MK/SACH-003-02	APLMK SACH003-02	
				_		_	

Note: Contact JST for fully automatic crimping applicator.

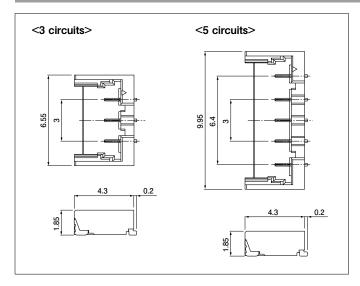
Housing



No. of circuits	Model No.	Q'ty / box			
3	AUHR-03V-H	1,000			
5	AUHR-05V-H	1,000			
Material					
PRT UI 94V-0 grav					

RoHS compliance

Header



No. of circuits	Model No.	Q'ty / reel
3	BM03B-AUHKS-GA-TB	5,000
5	BM05B-AUHKS-GA-TB	5,000

Material and Finish

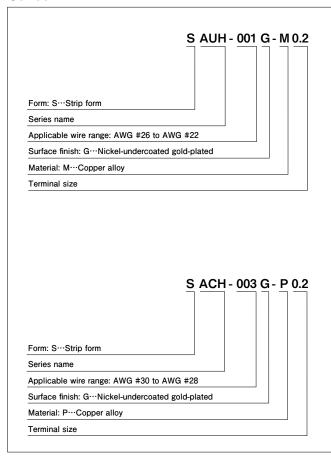
Contact: Copper alloy, nickel-undercoated, gold-plated (nickel-stripe)
Housing: Heat resisting resin, UL94V-0, black
Reinforcing tab: Copper alloy, copper-undercoated, tin-plated (reflow treatment)

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

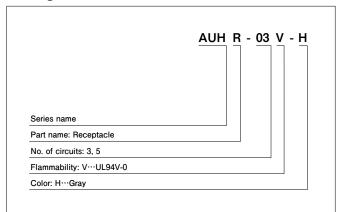
AUH CONNECTOR

Model number allocation

Contact



Housing



Header

