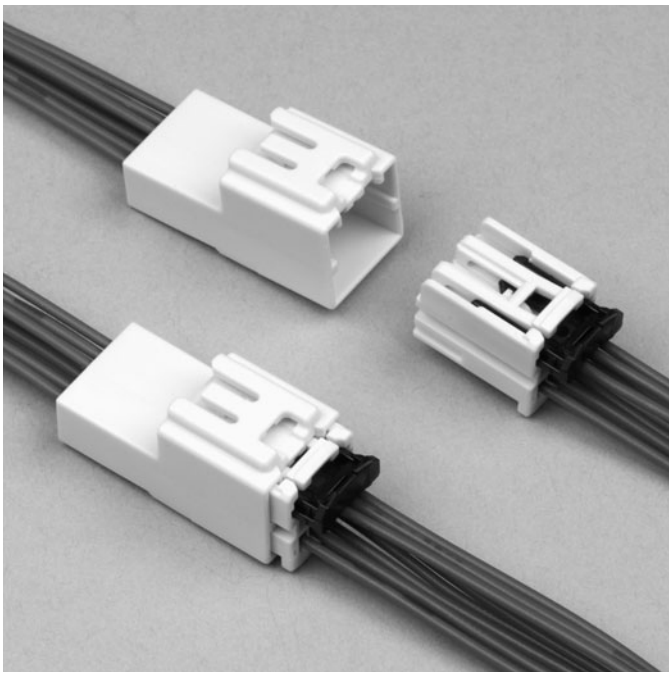
HIC CONNECTOR

Wire-to-wire



This wire-to-wire connector for air-bag has CPA, which allows locking the connector, incomplete mating detection and release of short-circuit at the same time.

Features

●4 types are available, it enables to select with various specifications to automobile.

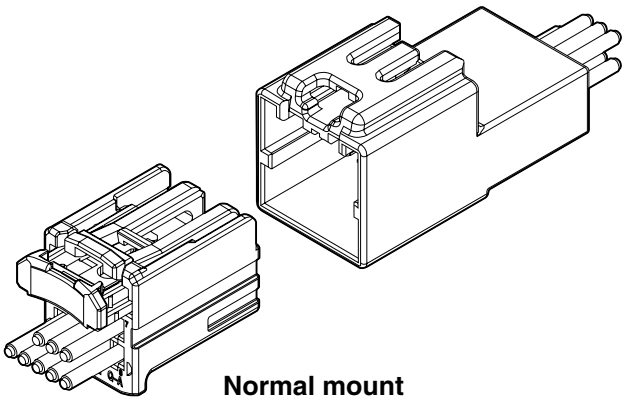
Normal mount, with short terminal
Normal mount, without short terminal
Special mount, with short terminal
Special mount, without short terminal

●Incomplete mating detection mechanism

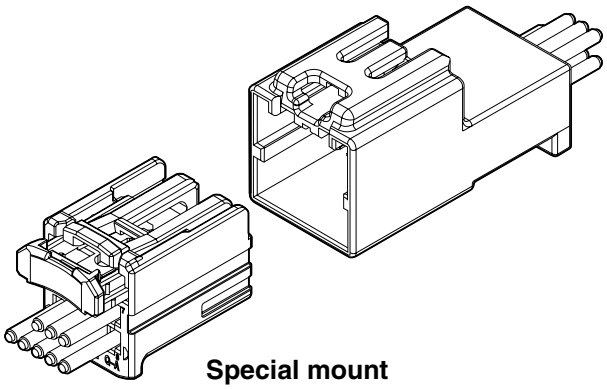
Mis-insertion and insertion error at the assembly line can detect with a CPA housing.

●Terminal construction

It is designed to prevent the deformation of the contact part when processing wire harness by protecting the contact part of each terminal with a box.



Normal mount



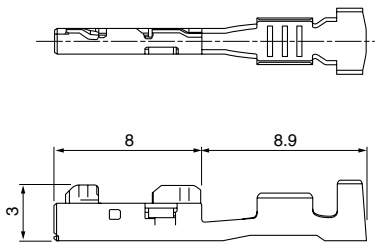
Special mount

Specifications

- Current rating: 5A AC, DC (0.5mm^2, Single circuit)
- Voltage rating: 14V AC, DC
- Temperature range: -40°C to +100°C
  (including temperature rise in applying electrical current)
- Contact resistance:
  Female terminal; Initial value/8mΩ max.
  After environmental testing/16mΩ max.
  Short terminal; Initial value/50mΩ max.
  After environmental testing/100mΩ max.
- Insulation resistance: 100MΩ min.
- Withstanding voltage: 1,000V AC/minute
- Applicable wire: AVSS
  0.3mm^2 to 0.5mm^2

∗ Compliant with ELV/RoHS.
∗ Contact JST for details.

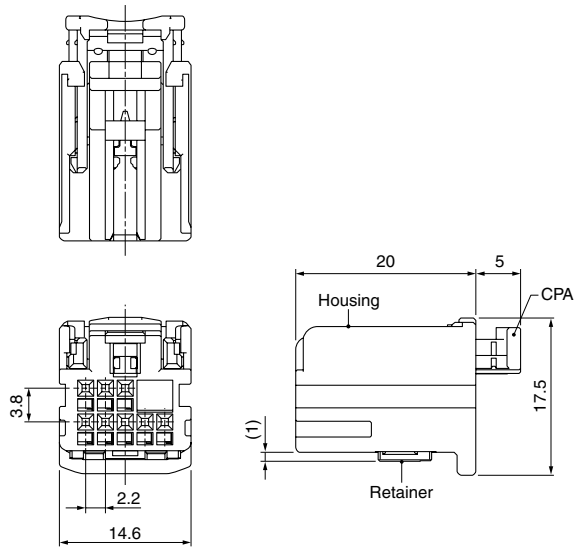
Female terminal



Model No.	Applicable wire range		Q'ty/reel
	Conductor (mm^2)	Insulation O.D. mm	
SNAC3-A021GF-M0.64-1	0.3 to 0.5	1.4 to 1.8	5,000

Material and Finish
Copper alloy, nickel-undercoated, Male contact area; gold-plated

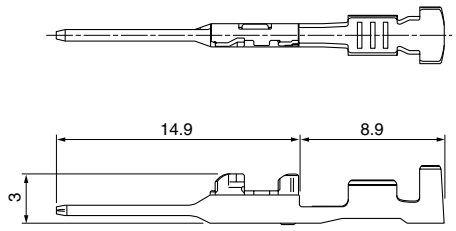
Female connector



Circuits	Model No.	Q'ty/box
8	**08HIC-R-1A**	720

Material
Housing: PBT, yellow Retainer: PBT, black CPA housing: PBT, black

Male terminal

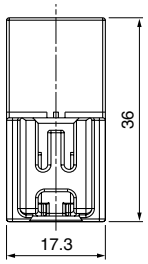


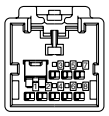
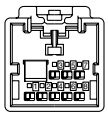
Model No.	Applicable wire range		Q'ty/reel
	Conductor (mm^2)	Insulation O.D. (mm)	
SNAC3W-A021GF-0.64	0.3 to 0.5	1.4 to 1.8	7,000

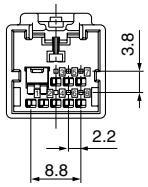
Material and Finish
Brass, nickel-undercoated, Female contact area; gold-plated, Short terminal contact area; gold-plated

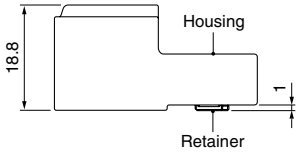
Male connector

● Normal mount

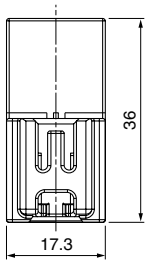


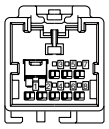
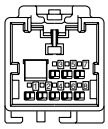
Model No.	
08HIC-P-1A	08HIC-P-1B
 With short terminal	 Without short terminal

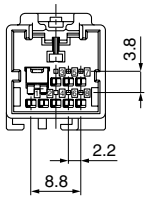


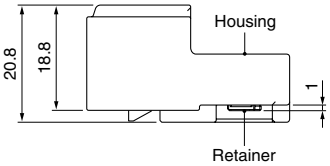


● Special mount



Model No.	
08HIC-P-2A	08HIC-P-2B
 With short terminal	 Without short terminal





Circuits	Model No.	Q'ty/box
8	**08HIC-P-1A**	560
	08HIC-P-1B	
	08HIC-P-2A	
	08HIC-P-2B	

Material and Finish
Housing: PBT, yellow Retainer: PBT, black Short terminal: Copper alloy, nickel-undercoated, Contact area; gold-plated

Crimping machine, Applicator

Strip terminal	Crimping machine	Crimp applicator MKS-L	
		Dies	Crimp applicator with dies
SNAC3-A021GF-M0.64-1	AP-K2N	MK/SNAC3-A021-064	APLMK SNAC3-A021-064
SNAC3W-A021GF-0.64		MK/SNAC3W-A021-064	APLMK SNAC3W-A021-064

Note: When crimping operation is conducted using an applicator and die set other than the above, JST cannot guarantee the performance of the terminal.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

JST:
SNAC3W-A021GF-0.64) 08HIC-R-1A SNAC3-A021GF-M0.64-1 (LF)(SN) 08HIC-P-1B 08HIC-P-1A 08HIC-P-2B 08HIC-P-2A

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- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.

Как с нами связаться

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