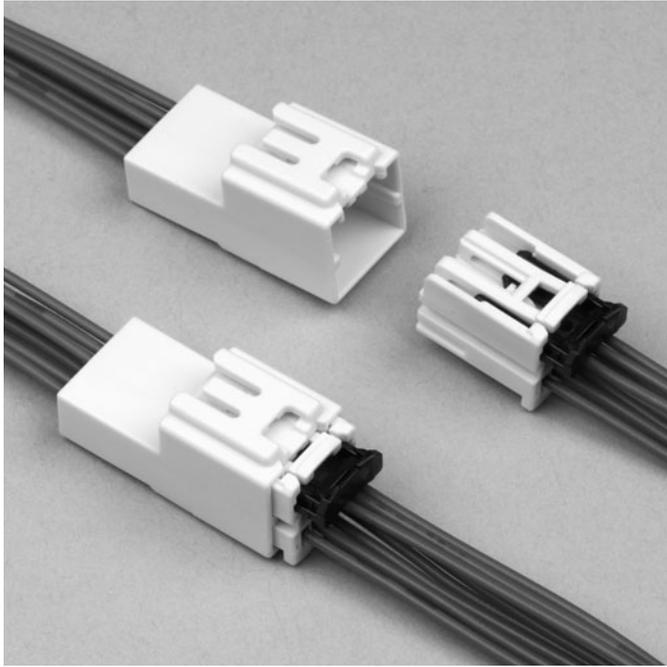


HIC CONNECTOR

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.**

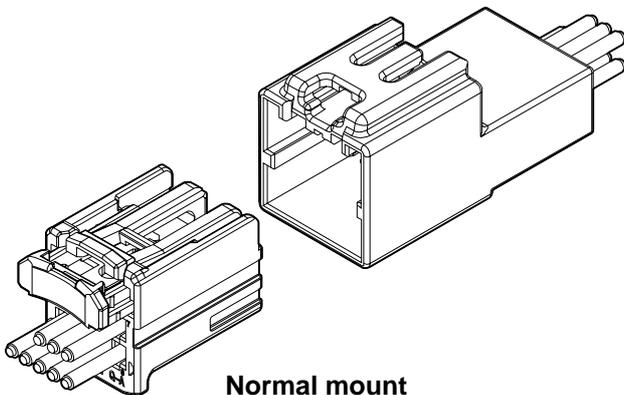
Normal mount, with short terminal
Normal mount, without short terminal
Special mount, with short terminal
Special mount, without short terminal

● **Incomplete mating detection mechanism**

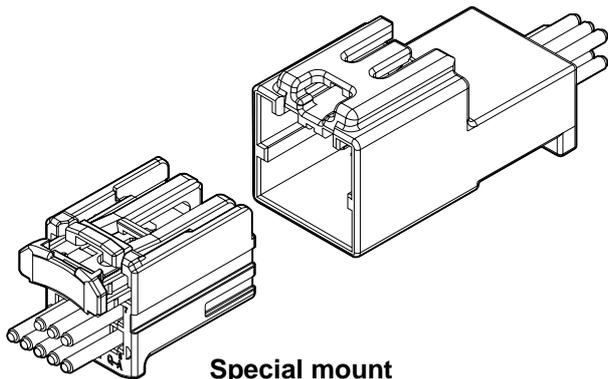
Mis-insertion and insertion error at the assembly line can detect with a CPA housing.

● **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

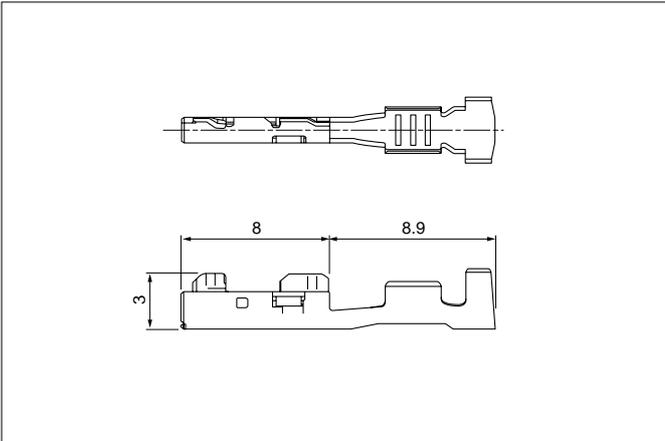
- Current rating: 5A AC, DC (0.5mm², Single circuit)
- Voltage rating: 14V AC, DC
- Temperature range: -40°C to +100°C
(including temperature rise in applying electrical current)
- Contact resistance:
 - Female terminal; Initial value/8mΩ max.
After environmental testing/16mΩ max.
 - Short terminal; Initial value/50mΩ max.
After environmental testing/100mΩ max.
- Insulation resistance: 100MΩ min.
- Withstanding voltage: 1,000V AC/minute
- Applicable wire: AVSS
0.3mm² to 0.5mm²

* Compliant with ELV/RoHS.

* Contact JST for details.

HIC CONNECTOR

Female terminal

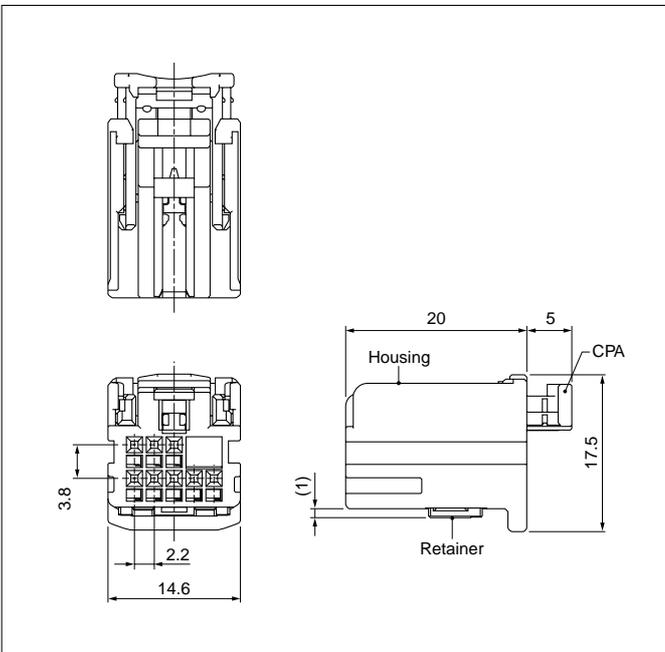


Model No.	Applicable wire range		Q'ty/reel
	Conductor (mm ²)	Insulation O.D. (mm)	
SNAC3-A021GF-M0.64-1	0.3 to 0.5	1.4 to 1.8	7,500

Material and Finish

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

Female connector

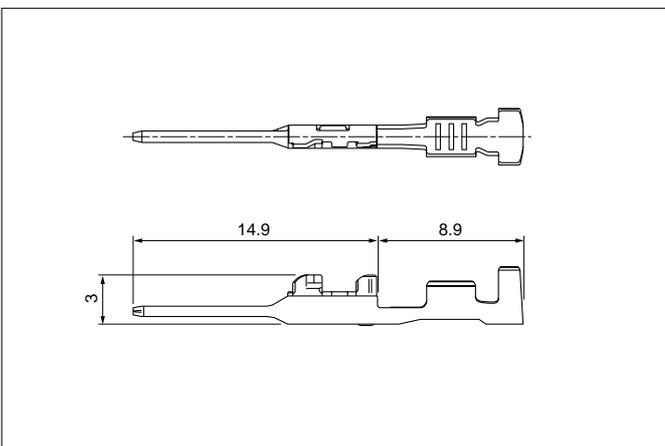


Circuits	Model No.	Q'ty/box
8	08HIC-R-1A	720

Material

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

Male terminal



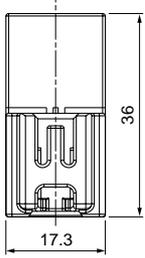
Model No.	Applicable wire range		Q'ty/reel
	Conductor (mm ²)	Insulation O.D. (mm)	
SNAC3W-A021GF-0.64	0.3 to 0.5	1.4 to 1.8	5,000

Material and Finish

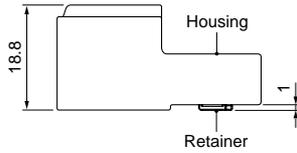
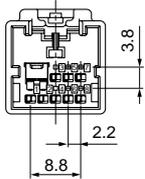
Brass, nickel-undercoated, Female contact area; gold-plated,
Short terminal contact area; gold-plated

Male connector

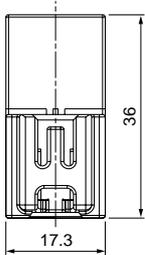
• Normal mount



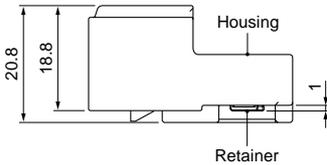
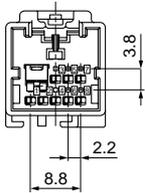
Model No.	
08HIC-P-1A	08HIC-P-1B
With short terminal	Without short terminal



• 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.