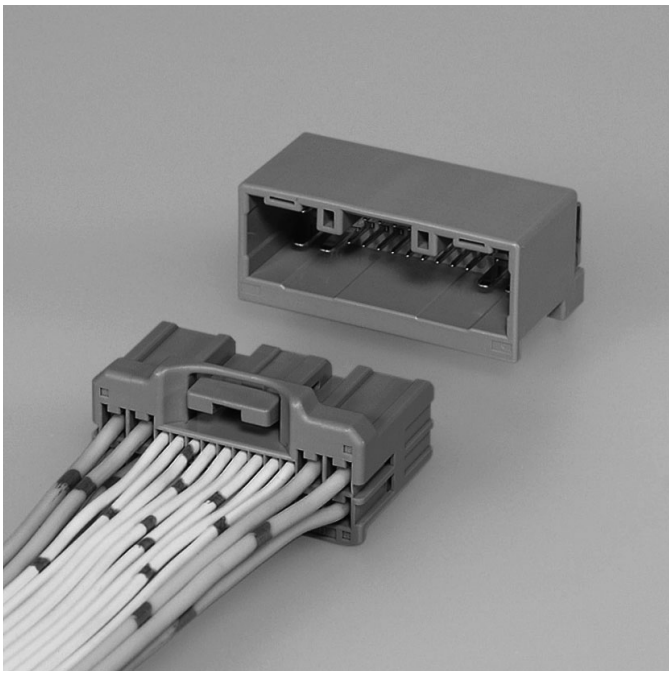
SH CONNECTOR

Board-to-wire



This connector is a small connector that can be widely used for the wiring for automotive electrical equipment. There are 2 kinds of connector for signal and hybrid type for signal and power supply.

Features

●High reliability

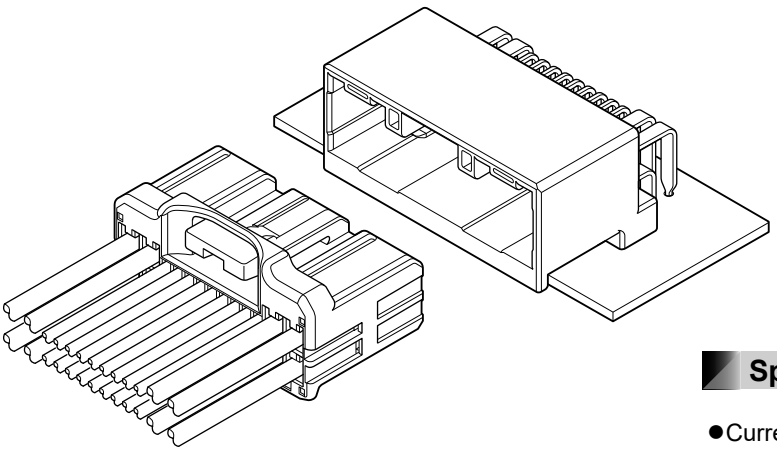
Using the tried and true terminal ensures high performance and high reliability.
The retainer (secondary lock) is provided for automobile, and reliability is improved.

●Variation

Many variations

●Diversity

It is hybrid structures of using 0.64 terminals for signal, and 2.3 terminals for power supply.
It is possible to correspond also to large current circuit.



Specifications (0.64 Terminal)

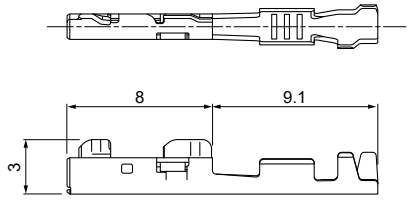
- ●Current rating: 7 A AC, DC (0.5 mm^2, Single circuit)
- ●Voltage rating: 50 V AC, DC
- ●Temperature range: –40°C to +105°C
  (including temperature rise in applying electrical current)
- ●Contact resistance: Initial value/ 8 mΩ max.
  After environmental tests/ 16 mΩ max.
- ●Insulation resistance: 100 MΩ min.
- ●Withstanding voltage: 1,000 VAC/minute
- ●Applicable wire: AVSS/CAVS
  0.64 Terminal S: 0.3 mm^2 to 0.5 mm^2
  AESSX 0.5 mm^2

* Compliant with ELV/RoHS2.
* Contact JST for details.

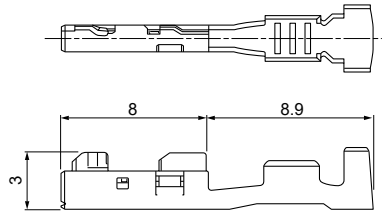
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Female terminal

●0.64 Female terminal SSS



●0.64 Female terminal S



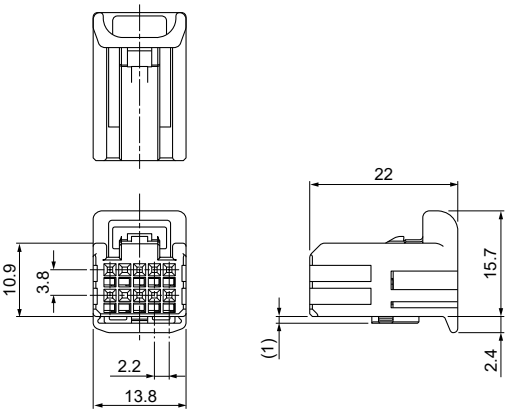
Terminal	Model No.	Applicable wire range		Q'ty/reel
		Conductor (mm²)	Insulation O.D. (mm)	
✳0.64 SSS	**SNAC3-A001T-M0.64**	0.13	0.85	6,000
0.64 S	**SNAC3-A021T-M0.64**	0.3 to 0.5	1.4 to 1.8	5,000

Material and Finish
Copper alloy, tin-plated (reflow treatment)

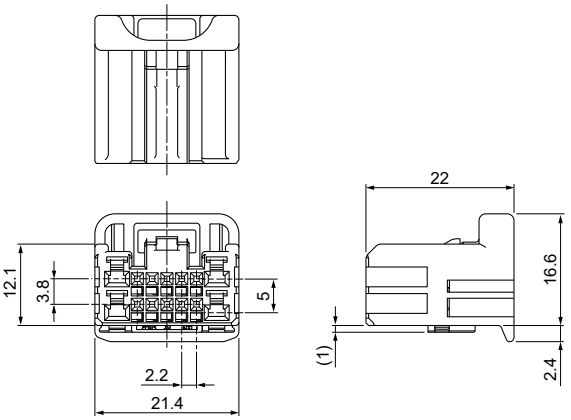
Note: 1. Contact JST for 2.3Ⅱ female terminal for power supply.
2. ✳Please contact JST about the use of these parts.

Female connector

●10SHC-B-1A



●14SHC-B-1A



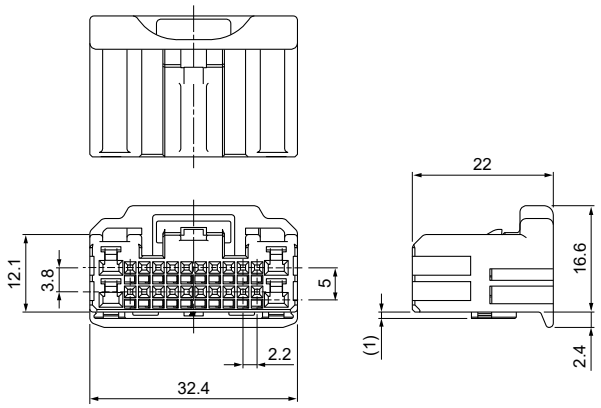
Circuits	Model No.	Q'ty/box	Color	
			Housing	Retainer
10	**10SHC-B-1A**	180	Gray	Blue
14	**14SHC-B-1A**	120	Gray	Blue
24	**24SHC-B-1A**	72	Gray	Blue
26	**26SHC-B-1A**	60	Gray	Blue
	26SHC-B-2A	60	Black	Blue
32	**32SHC-B-1A**	60	Gray	Blue

Material and Finish
Housing: PBT Retainer: PBT

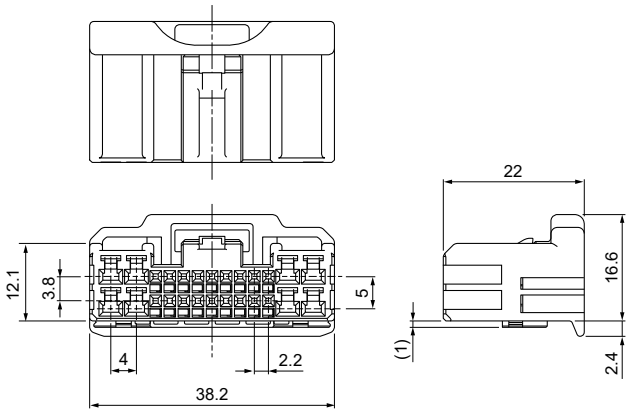
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Female connector

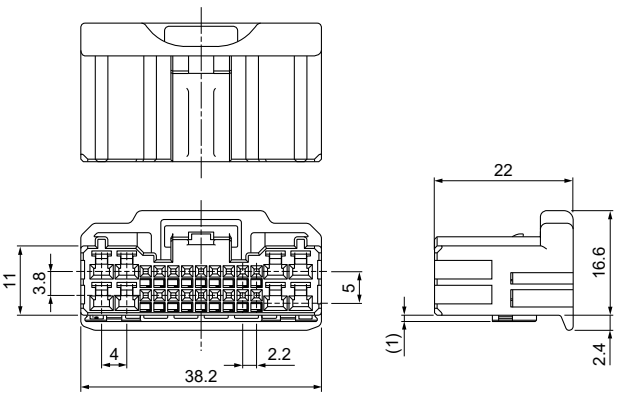
●24SHC-B-1A



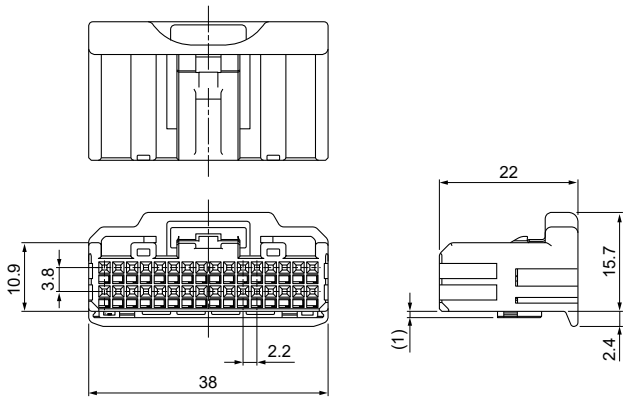
●26SHC-B-1A



●26SHC-B-2A



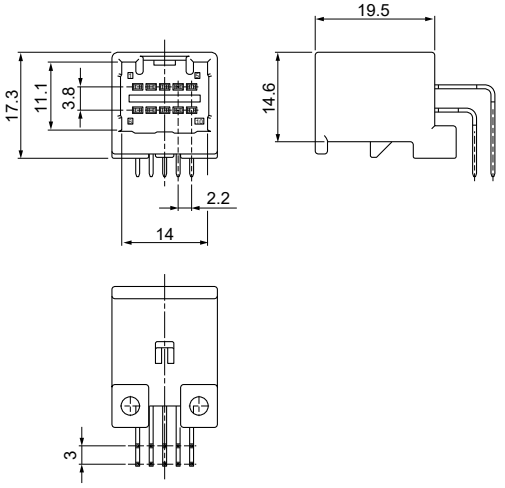
●32SHC-B-1A



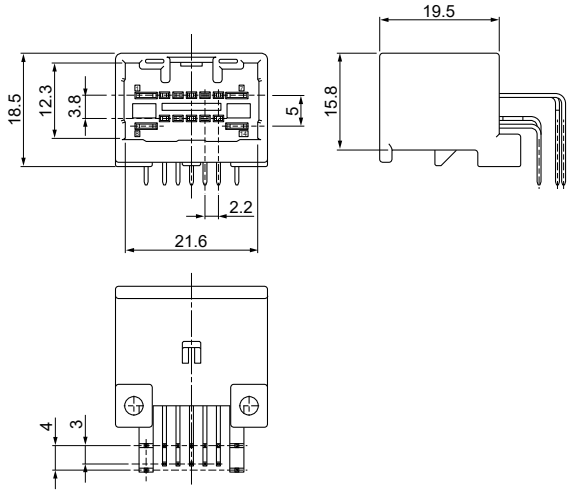
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Male connector

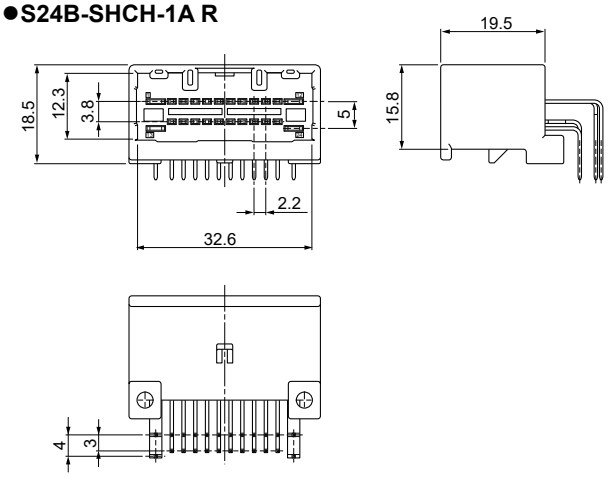
●S10B-SHCH-1A R



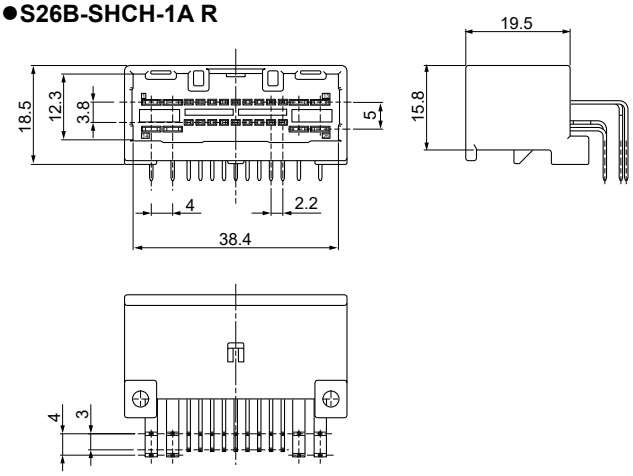
●S14B-SHCH-1A R



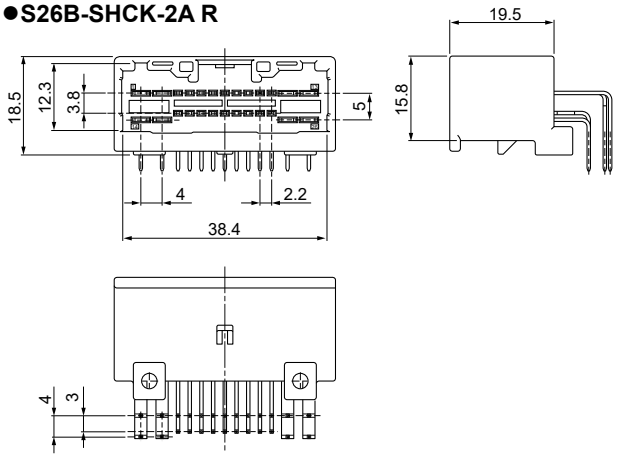
●S24B-SHCH-1A R



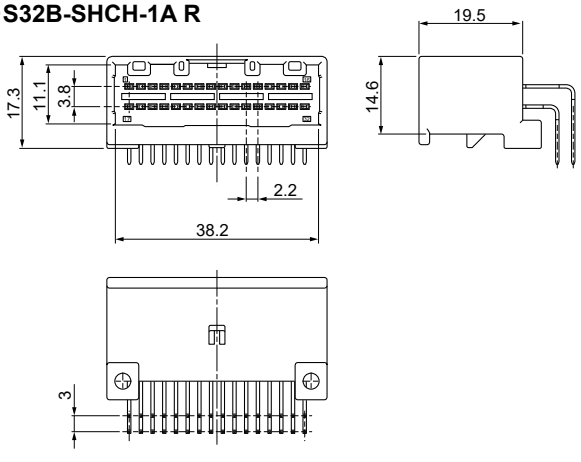
●S26B-SHCH-1A R



●S26B-SHCK-2A R



●S32B-SHCH-1A R



Circuits	Model No.	Color	Q'ty/box Note)
10	**S10B-SHCH-1A R**	Gray	600
14	**S14B-SHCH-1A R**	Gray	400
24	**S24B-SHCH-1A R**	Gray	280
26	**S26B-SHCH-1A R**	Gray	240
	S26B-SHCK-2A R	Black	240
32	**S32B-SHCH-1A R**	Gray	240

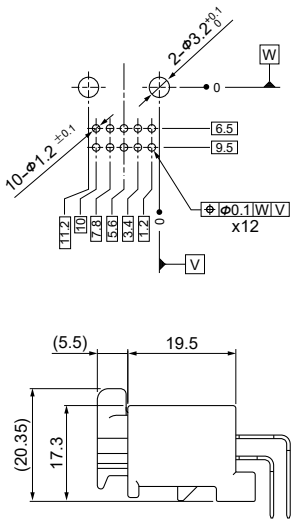
Material and Finish
Housing: Glass-filled PBT Male pin: Brass, nickel-undercoated, tin-plated (reflow treatment)

Note: It is tray packaging.

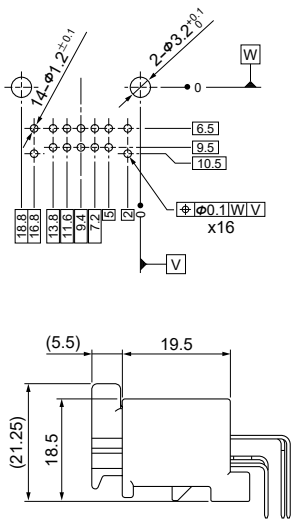
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PC board layout, Assembly layout

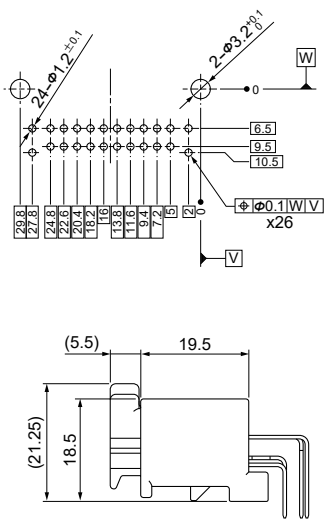
●S10B-SHCH-1A R



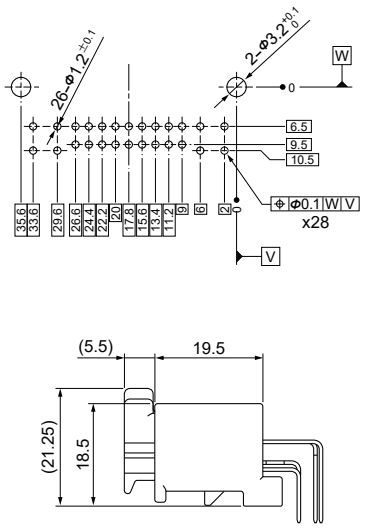
●S14B-SHCH-1A R



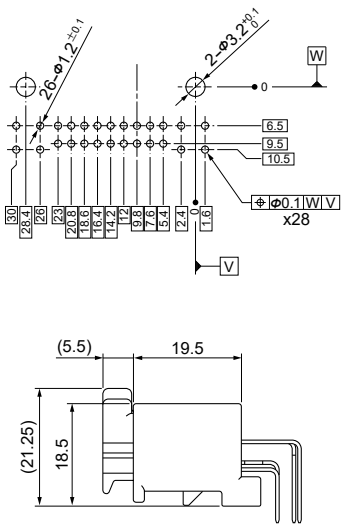
●S24B-SHCH-1A R



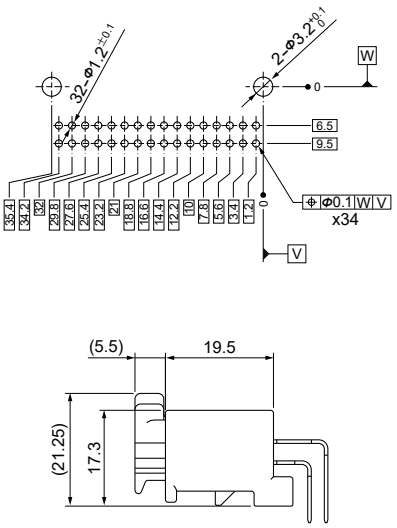
●S26B-SHCH-1A R



●S26B-SHCK-2A R



●S32B-SHCH-1A R



Crimping machine, Applicator, Hand crimp tool

Strip terminal	Crimping machine	Crimp applicator MKS-L		Hand crimp tool	Applicable wire
		Dies	Crimp applicator with dies		
SNAC3-A001T-M0.64	AP-K2N	MK/SNAC3-A001-064	APLMK SNAC3-A001-064	—	—
SNAC3-A021T-M0.64		MK/SNAC3-A021-064	APLMK SNAC3-A021-064	YRK-1003	AVSS0.5, CAVS0.5

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

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