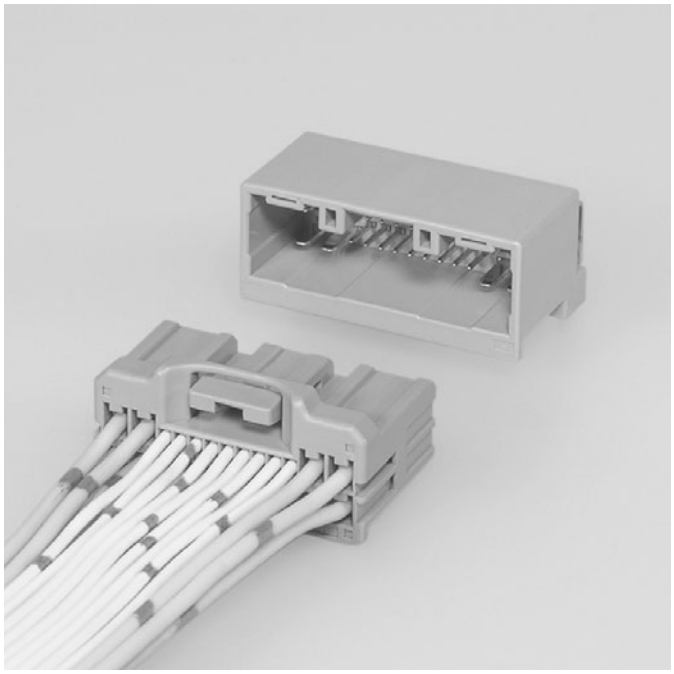
SHC CONNECTOR

Board-to-wire



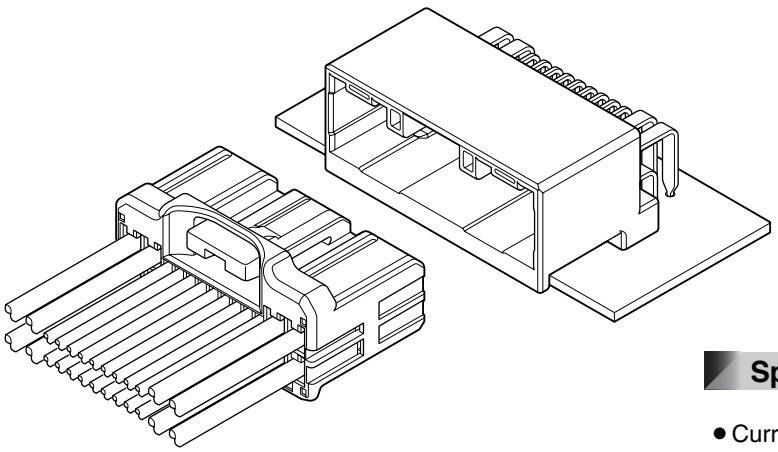
This connector is a small connector that can be widely used for the wiring for automotive electrical equipment. There are 2 kinds of connector for signal and hybrid type for signal and power supply.

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.



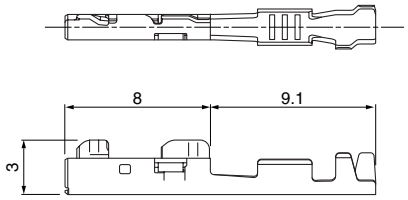
Specifications (0.64 Terminal)

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

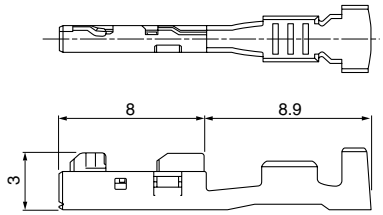
∗ Compliant with ELV/RoHS.
∗ Contact JST for details.

Female terminal

● **0.64 Female terminal SSS/SS**



● **0.64 Female terminal S**



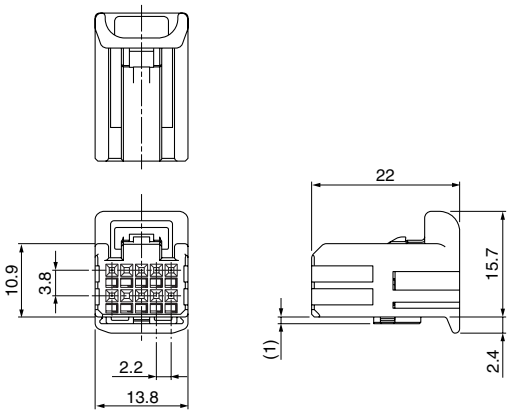
Terminal	Model No.	Applicable wire range		Q'ty/reel
		Conductor (mm^2)	Insulation O.D. (mm)	
0.64 SSS	**SNAC3-A001T-M0.64**	0.13	0.85	6,000
0.64 SS	**SNAC3-A011T-M0.64**	0.22 to 0.35	0.95 to 1.10	5,000
0.64 S	**SNAC3-A021T-M0.64**	0.3 to 0.5	1.4 to 1.8	5,000

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

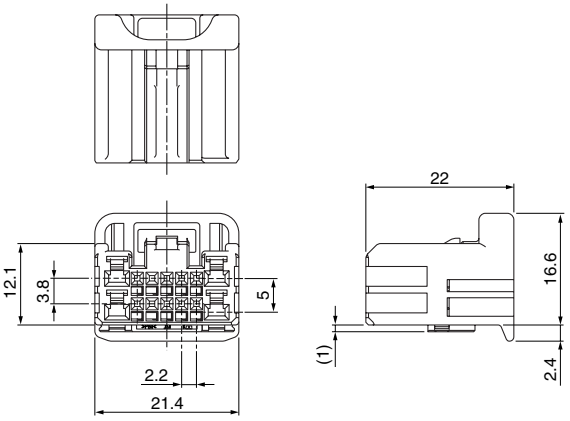
Note: Contact JST for 2.3Ⅱ female terminal for power supply.

Female connector

● **10SHC-B-1A**



● **14SHC-B-1A**

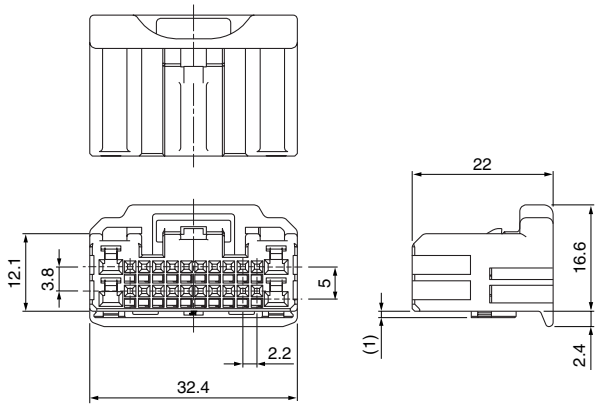


Circuits	Model No.	Q'ty/box	Color	
			Housing	Retainer
10	**10SHC-B-1A**	180	Gray	Blue
14	**14SHC-B-1A**	120	Gray	Blue
24	**24SHC-B-1A**	72	Gray	Blue
26	**26SHC-B-1A**	60	Gray	Blue
	26SHC-B-2A	60	Black	Blue
32	**32SHC-B-1A**	60	Gray	Blue

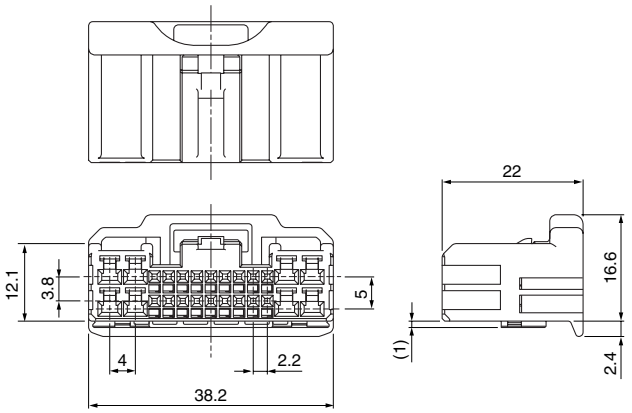
Material
Housing: PBT Retainer: PBT

Female connector

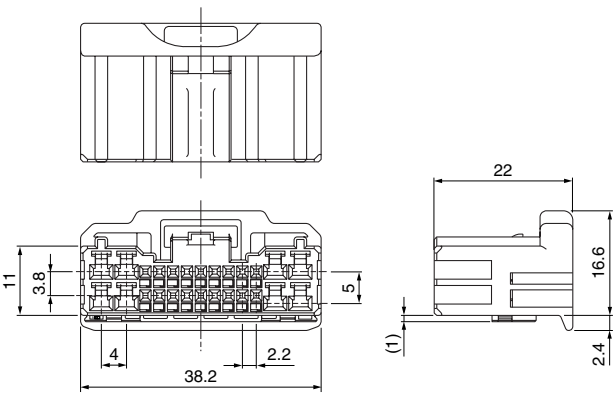
● **24SHC-B-1A**



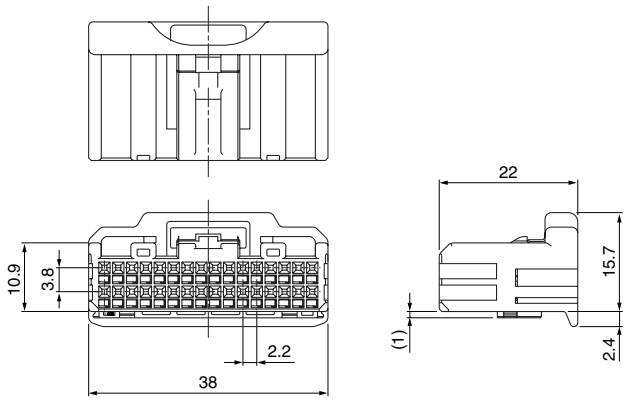
● **26SHC-B-1A**



● **26SHC-B-2A**

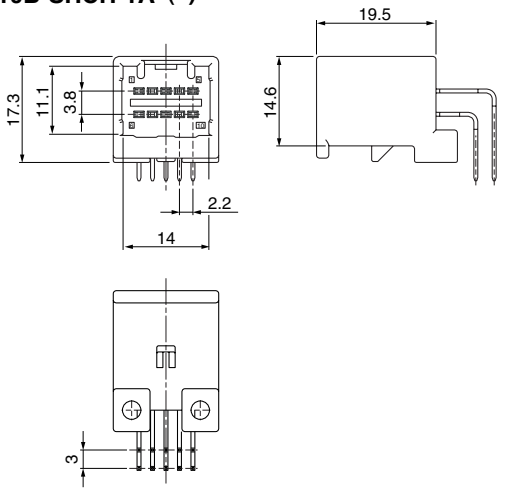


● **32SHC-B-1A**

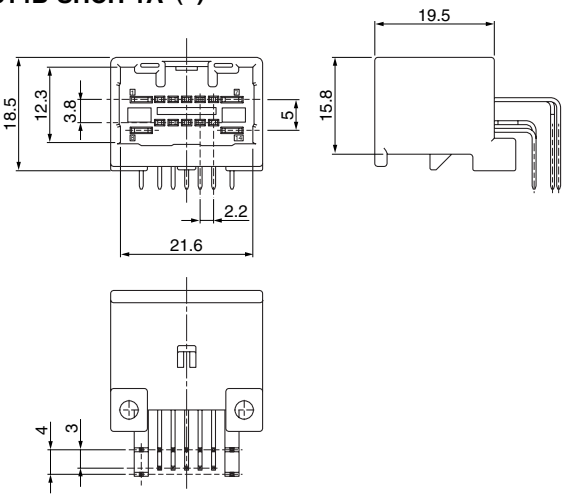


Male connector

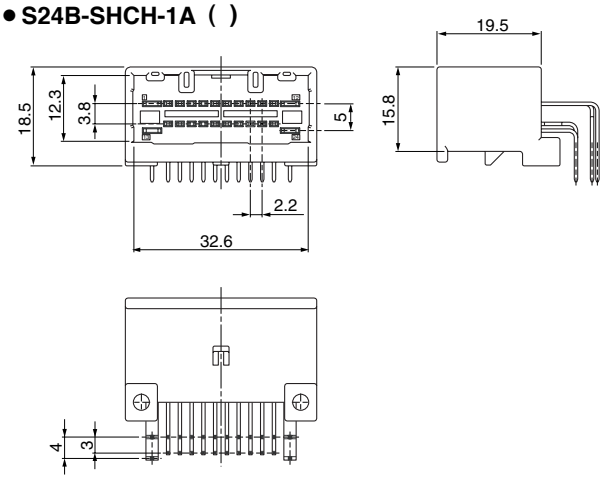
● **S10B-SHCH-1A（ ）**



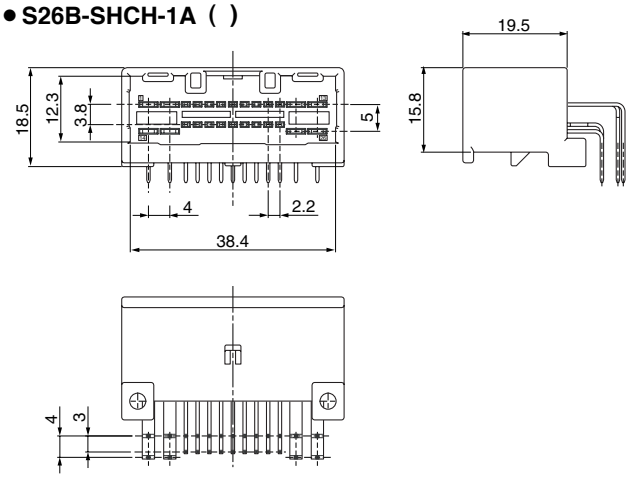
● **S14B-SHCH-1A（ ）**



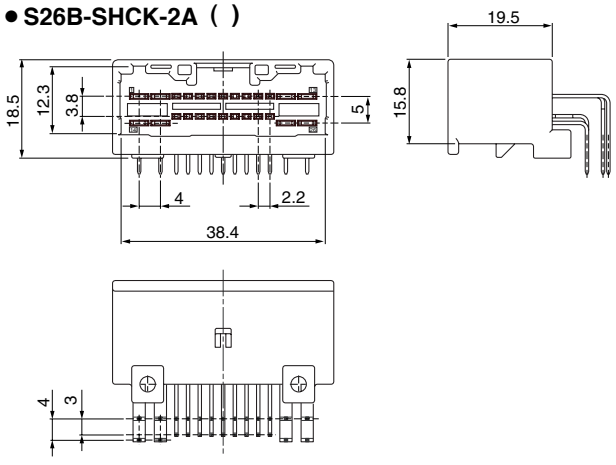
● **S24B-SHCH-1A（ ）**



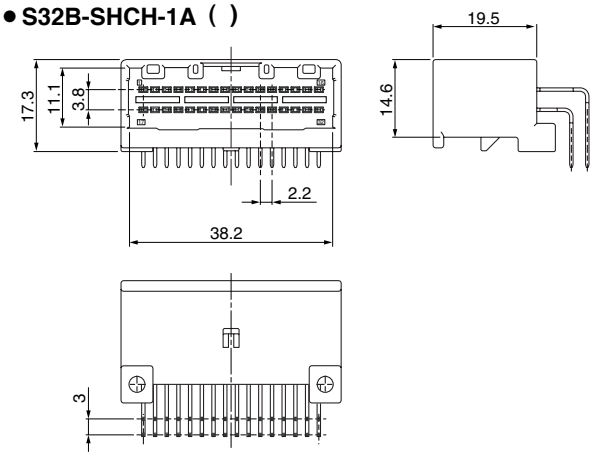
● **S26B-SHCH-1A（ ）**



● **S26B-SHCK-2A（ ）**



● **S32B-SHCH-1A（ ）**

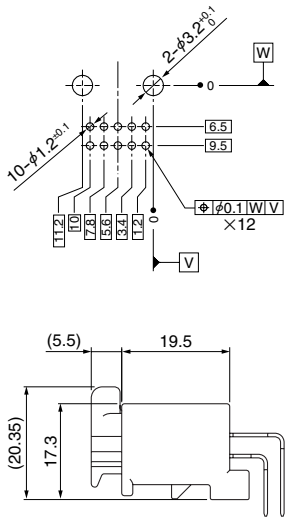


Circuits	Model No.		Color	Q'ty/box	
	Magazine stick	Tray packed		Magazine stick	Tray packed
10	**S10B-SHCH-1A (M)**	**S10B-SHCH-1A R**	Gray	1,200	600
14	**S14B-SHCH-1A (M)**	**S14B-SHCH-1A R**	Gray	816	400
24	**S24B-SHCH-1A (M)**	**S24B-SHCH-1A R**	Gray	576	280
26	**S26B-SHCH-1A (M)**	**S26B-SHCH-1A R**	Gray	480	240
	S26B-SHCK-2A (M)	**S26B-SHCK-2A R**	Black	480	240
32	**S32B-SHCH-1A (M)**	**S32B-SHCH-1A R**	Gray	480	240

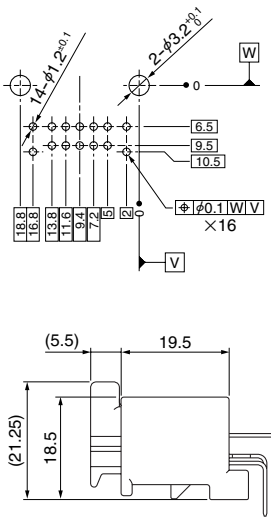
Material and Finish
Housing: Glass-filled PBT Male pin: Brass, nickel-undercoated, tin-plated (reflow treatment)

PC board layout, Assembly layout

● S10B-SHCH-1A ( )



● S14B-SHCH-1A ( )



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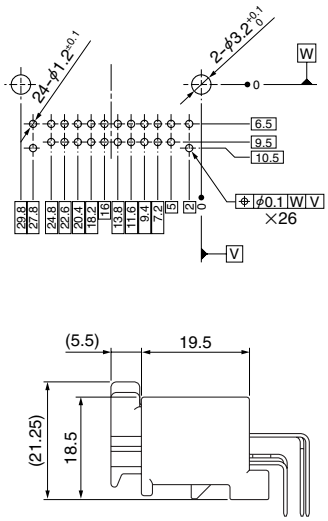

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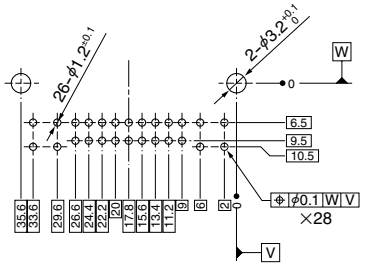

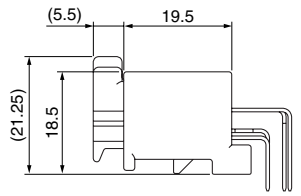

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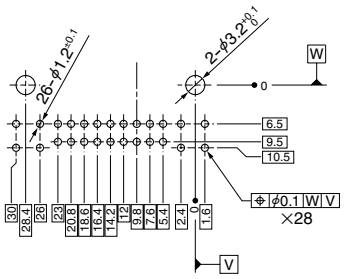

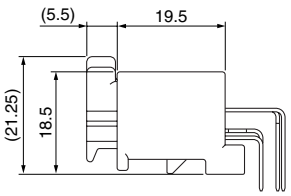

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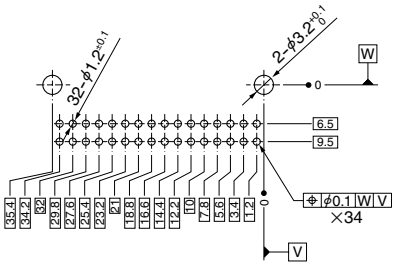

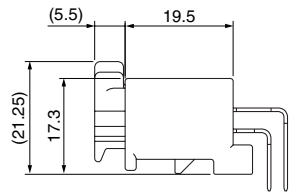

Crimping machine, Applicator, Hand crimp tool

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-A011T-M0.64		MK/SNAC3-A011-064	APLMK SNAC3-A011-064	—	—
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.

Mouser Electronics

Authorized Distributor

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JST:

26SHC-B-1A 26SHC-B-2A S14B-SHCH-1A-R S32B-SHCH-1A-R S26B-SHCK-2A-R 24SHC-B-1A 32SHC-B-1A S24B-SHCH-1A-R S26B-SHCH-1A-R 14SHC-B-1A

Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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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.);

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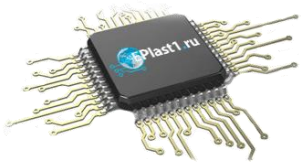
- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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