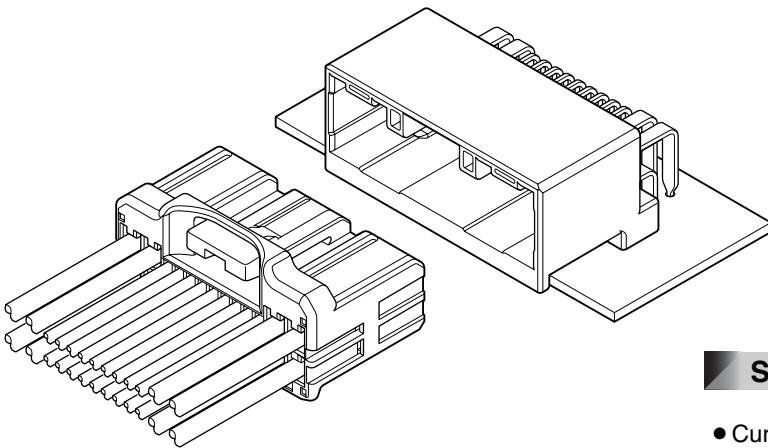


This connector is a small connector that can be widely used for the wiring for automotive electrical equipment. There are 2 kinds of connector for signal and hybrid type for signal and power supply.



### 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)

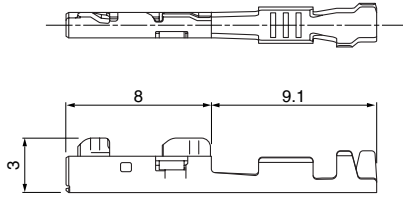
- Current rating: 7A AC, DC (0.5mm<sup>2</sup>, Single circuit)
- Voltage rating: 50V AC, DC
- Temperature range: -40°C to +105°C  
(including temperature rise in applying electrical current)
- Contact resistance: Initial value/8mΩ max.  
After environmental testing/16mΩ max.
- Insulation resistance: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

\* Compliant with ELV/RoHS.

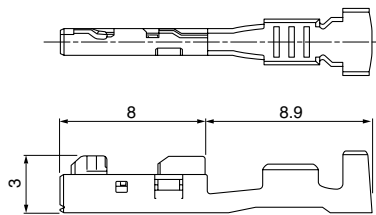
\* Contact JST for details.

## Female terminal

### ● 0.64 Female terminal SSS/SS



### ● 0.64 Female terminal S



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

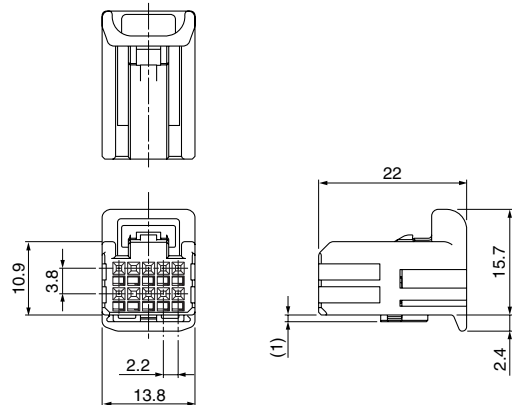
#### Material and Finish

Copper alloy, tin-plated (reflow treatment)

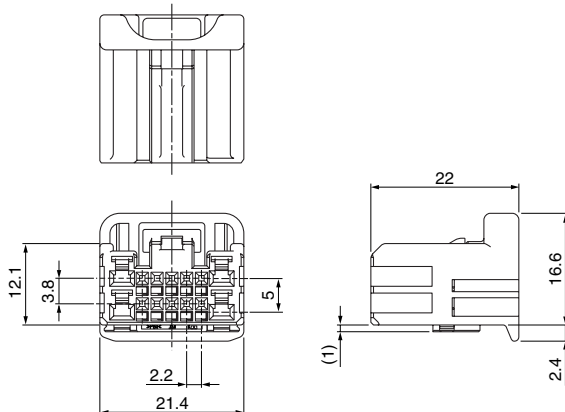
Note: Contact JST for 2.3II female terminal for power supply.

## Female connector

### ● 10SHC-B-1A



### ● 14SHC-B-1A



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

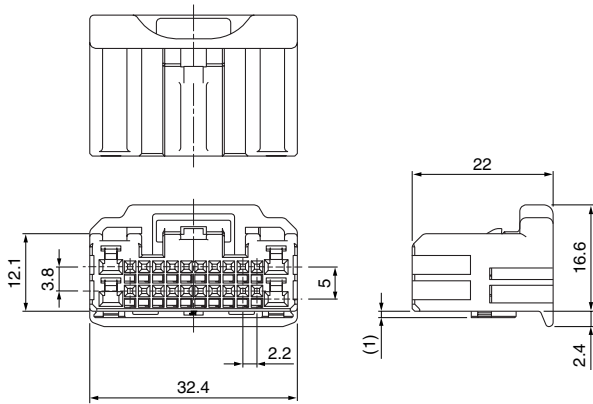
#### Material

Housing: PBT  
Retainer: PBT

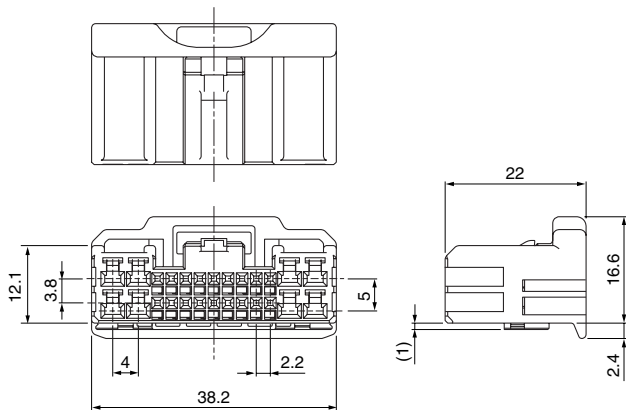
# SHC CONNECTOR

## Female connector

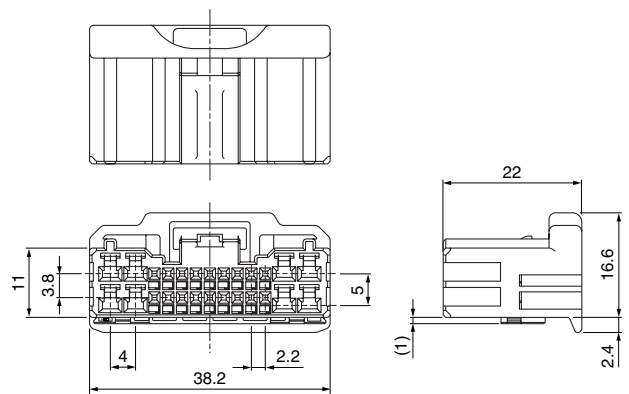
### ● 24SHC-B-1A



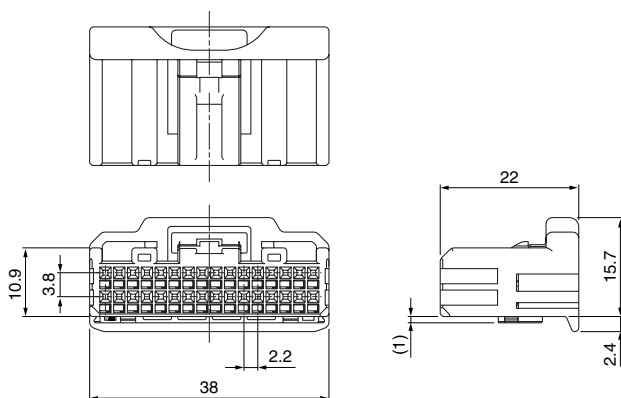
### ● 26SHC-B-1A



### ● 26SHC-B-2A

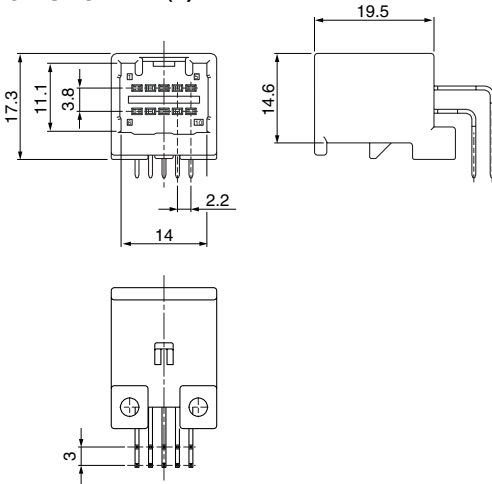


### ● 32SHC-B-1A

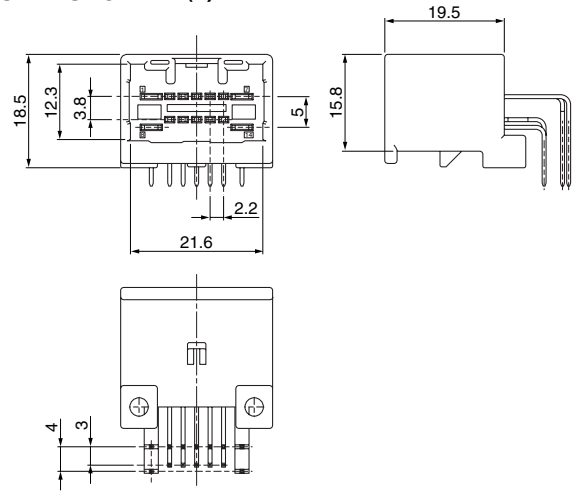


## Male connector

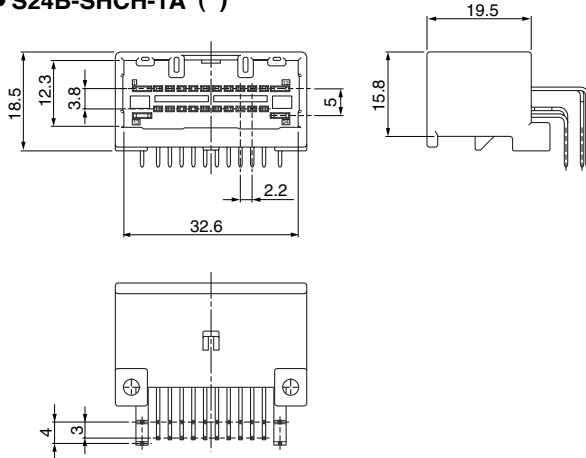
### ● S10B-SHCH-1A ( )



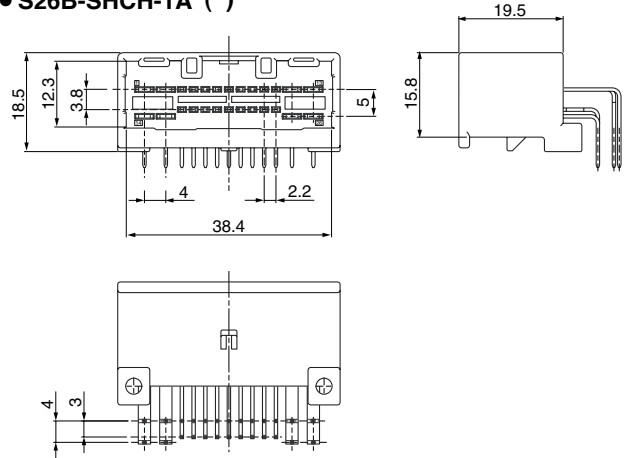
### ● S14B-SHCH-1A ( )



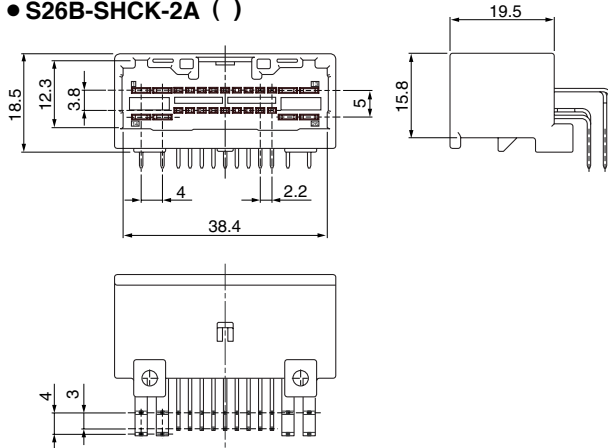
### ● S24B-SHCH-1A ( )



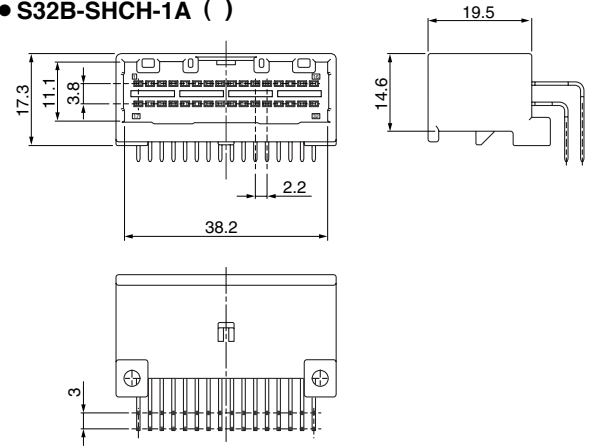
### ● S26B-SHCH-1A ( )



### ● S26B-SHCK-2A ( )



### ● S32B-SHCH-1A ( )



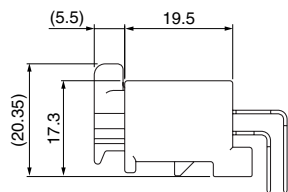
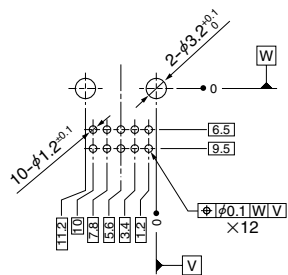
| Circuits | Model No.        |                | Color | Q'ty/box       |             |
|----------|------------------|----------------|-------|----------------|-------------|
|          | Magazine stick   | Tray packed    |       | Magazine stick | Tray packed |
| 10       | S10B-SHCH-1A (M) | S10B-SHCH-1A 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

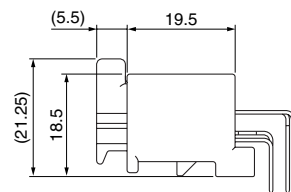
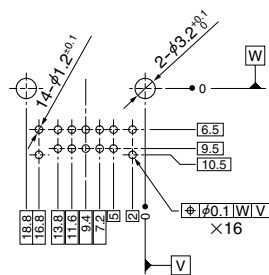
Housing: Glass-filled PBT  
Male pin: Brass, nickel-undercoated, tin-plated (reflow treatment)

## PC board layout, Assembly layout

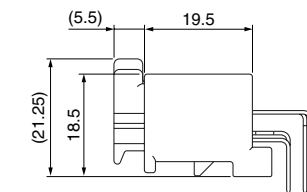
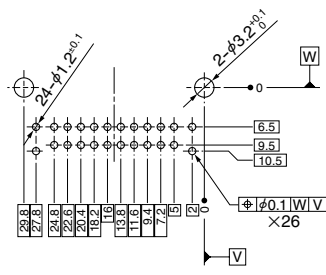
● S10B-SHCH-1A ( )



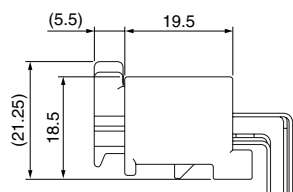
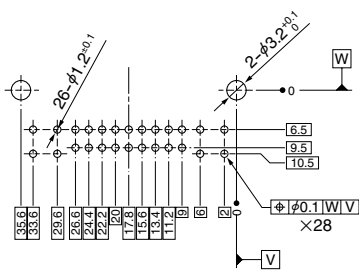
● S14B-SHCH-1A ( )



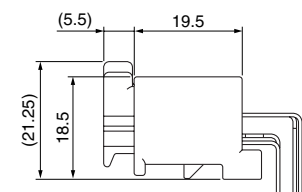
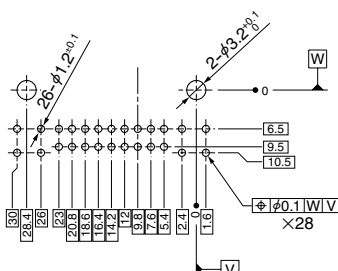
● S24B-SHCH-1A ( )



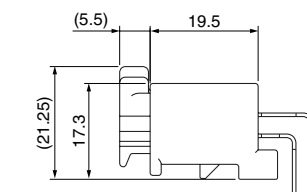
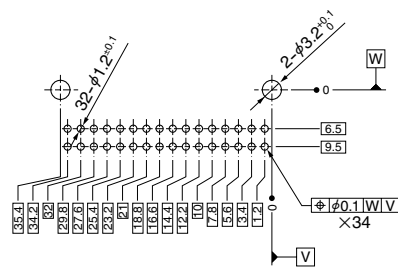
● S26B-SHCH-1A ( )



● S26B-SHCK-2A ( )



● S32B-SHCH-1A ( )



## 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

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

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!

Наши преимущества:

- 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

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.