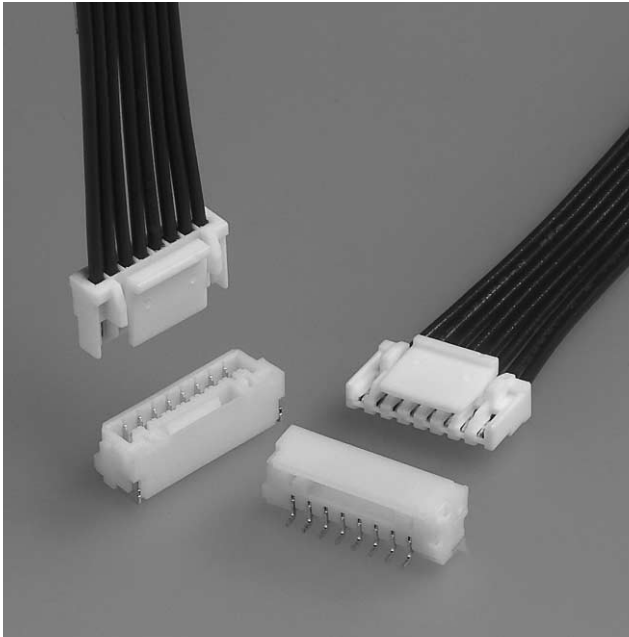
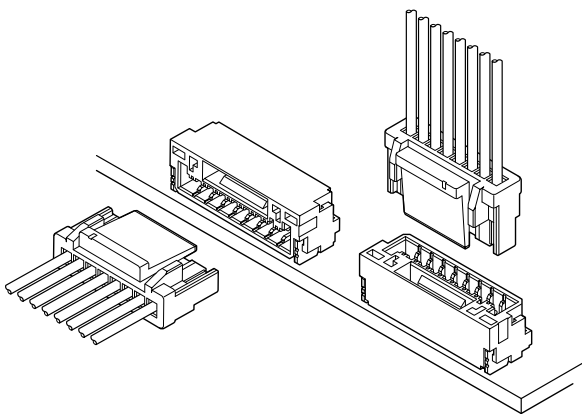


# GH CONNECTOR

*Disconnectable Crimp style connectors*



**Developed for PDP, LCD or small electronics equipment.**  
**This low insertion type connector realizes easier mating operation. The basic concept of the contact part of this connector is equivalent to the performance proven SHL connector.**



## Features

### • **Secure locking structure**

This innovative housing lock design achieves a locking device which is easy to handle as well as secure.

### • **Contact lock structure**

A contact lock provides a good "click feeling" when mated, which prevents improper mating during assembly.

### • **Prevent deformation of contacts**

Fork-shaped header contacts are supported by grooves on the housing walls designed to prevent deformation of contacts.

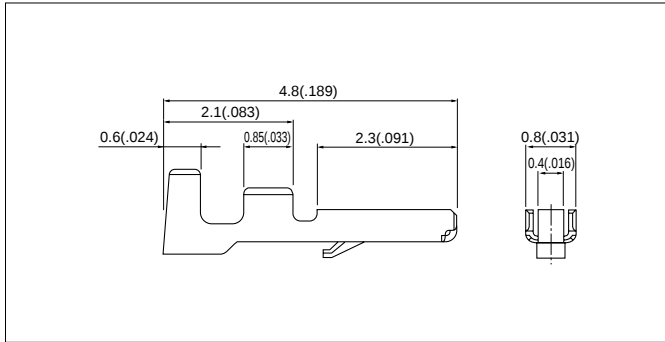
## Specifications

- Current rating: 1.0A AC, DC (AWG #26)
- Voltage rating: 50V AC, DC
- Temperature range: -25°C to +85°C  
 (including temperature rise in applying electrical current)
- Contact resistance: Initial value/30m Ω max.  
 After environmental testing/50m Ω max.
- Insulation resistance: 100M Ω min.
- Withstanding voltage: 500V AC/minute
- Applicable wire: AWG #30 to #26  
 Insulation O.D./0.8 to 1.0mm (.031" to .039")
- \* Contact JST if Lead-Free product is required.
- \* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
- \* Contact JST for details.

## Standards

Recognized E60389

## Contact

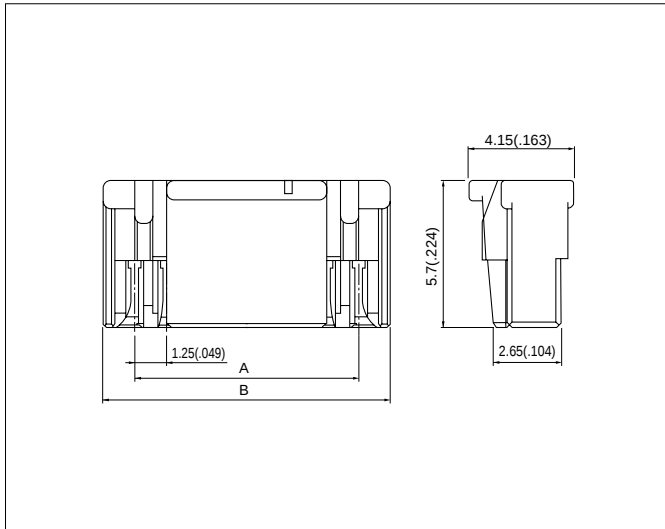


| Model No.             | Applicable wire |          | Insulation O.D.<br>mm(in.) | Q'ty / reel |
|-----------------------|-----------------|----------|----------------------------|-------------|
|                       | mm <sup>2</sup> | AWG#     |                            |             |
| <b>SSHL-002T-P0.2</b> | 0.05 to 0.13    | 30 to 26 | 0.8 to 1.0(.031 to .039)   | 23,000      |

### Material and Finish

Phosphor bronze, tin-plated

## Housing

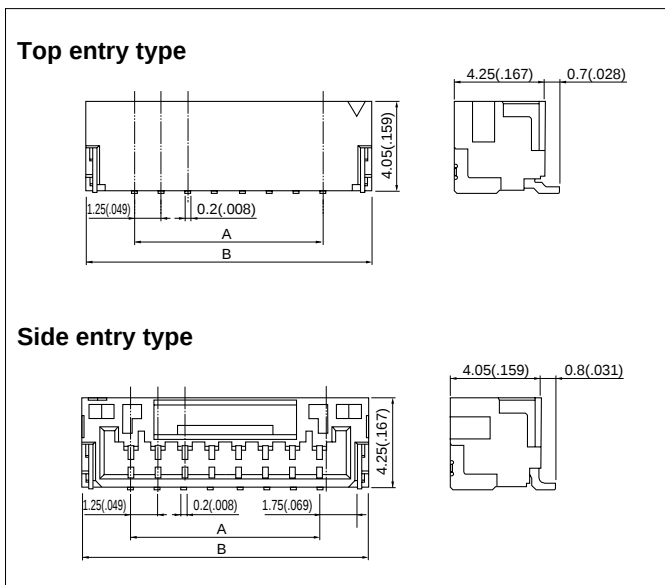


| Circuits | Model No         | Dimensions mm(in.) |             | Q'ty / box |
|----------|------------------|--------------------|-------------|------------|
|          |                  | A                  | B           |            |
| 2        | <b>GHR-02V-S</b> | 1.25(.049)         | 3.75(.148)  | 4,000      |
| 3        | <b>GHR-03V-S</b> | 2.50(.098)         | 5.00(.197)  | 3,000      |
| 4        | <b>GHR-04V-S</b> | 3.75(.148)         | 6.25(.246)  | 2,500      |
| 5        | <b>GHR-05V-S</b> | 5.00(.197)         | 7.50(.295)  | 2,000      |
| 6        | <b>GHR-06V-S</b> | 6.25(.246)         | 8.75(.344)  | 1,500      |
| 7        | <b>GHR-07V-S</b> | 7.50(.295)         | 10.00(.394) | 1,500      |
| 8        | <b>GHR-08V-S</b> | 8.75(.344)         | 11.25(.443) | 1,000      |
| 9        | <b>GHR-09V-S</b> | 10.00(.394)        | 12.50(.492) | 1,000      |
| 10       | <b>GHR-10V-S</b> | 11.25(.443)        | 13.75(.541) | 1,000      |
| 11       | <b>GHR-11V-S</b> | 12.50(.492)        | 15.00(.591) | 1,000      |
| 12       | <b>GHR-12V-S</b> | 13.75(.541)        | 16.25(.640) | 1,000      |
| 13       | <b>GHR-13V-S</b> | 15.00(.591)        | 17.50(.689) | 1,000      |
| 14       | <b>GHR-14V-S</b> | 16.25(.640)        | 18.75(.738) | 500        |
| 15       | <b>GHR-15V-S</b> | 17.50(.689)        | 20.00(.787) | 500        |

### Material

PBT, UL94V-0, natural

## Shrouded header



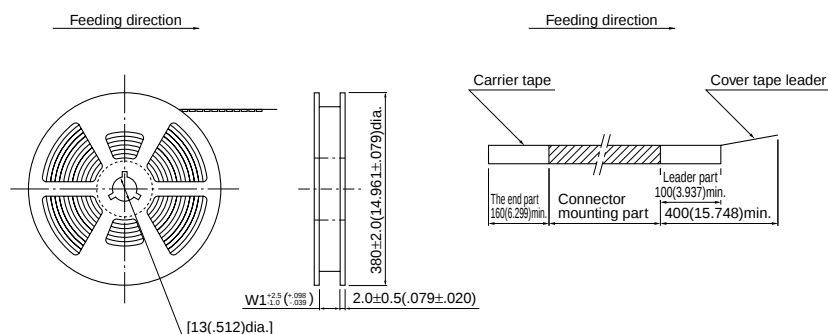
| Circuits | Model No.            |                     | Dimensions mm(in.) |             | Q'ty / reel |
|----------|----------------------|---------------------|--------------------|-------------|-------------|
|          | Top entry type       | Side entry type     | A                  | B           |             |
| 2        | <b>BM02B-GHS-TBT</b> | <b>SM02B-GHS-TB</b> | 1.25(.049)         | 5.75(.226)  | 2,500       |
| 3        | <b>BM03B-GHS-TBT</b> | <b>SM03B-GHS-TB</b> | 2.50(.098)         | 7.00(.276)  | 2,500       |
| 4        | <b>BM04B-GHS-TBT</b> | <b>SM04B-GHS-TB</b> | 3.75(.148)         | 8.25(.325)  | 2,500       |
| 5        | <b>BM05B-GHS-TBT</b> | <b>SM05B-GHS-TB</b> | 5.00(.197)         | 9.50(.374)  | 2,500       |
| 6        | <b>BM06B-GHS-TBT</b> | <b>SM06B-GHS-TB</b> | 6.25(.246)         | 10.75(.423) | 2,500       |
| 7        | <b>BM07B-GHS-TBT</b> | <b>SM07B-GHS-TB</b> | 7.50(.295)         | 12.00(.472) | 2,500       |
| 8        | <b>BM08B-GHS-TBT</b> | <b>SM08B-GHS-TB</b> | 8.75(.344)         | 13.25(.522) | 2,500       |
| 9        | <b>BM09B-GHS-TBT</b> | <b>SM09B-GHS-TB</b> | 10.00(.394)        | 14.50(.571) | 2,500       |
| 10       | <b>BM10B-GHS-TBT</b> | <b>SM10B-GHS-TB</b> | 11.25(.443)        | 15.75(.620) | 2,500       |
| 11       | <b>BM11B-GHS-TBT</b> | <b>SM11B-GHS-TB</b> | 12.50(.492)        | 17.00(.669) | 2,500       |
| 12       | <b>BM12B-GHS-TBT</b> | <b>SM12B-GHS-TB</b> | 13.75(.541)        | 18.25(.719) | 2,500       |
| 13       | <b>BM13B-GHS-TBT</b> | <b>SM13B-GHS-TB</b> | 15.00(.591)        | 19.50(.768) | 2,500       |
| 14       | <b>BM14B-GHS-TBT</b> | <b>SM14B-GHS-TB</b> | 16.25(.640)        | 20.75(.817) | 2,500       |
| 15       | <b>BM15B-GHS-TBT</b> | <b>SM15B-GHS-TB</b> | 17.50(.689)        | 22.00(.866) | 2,500       |

### Material and Finish

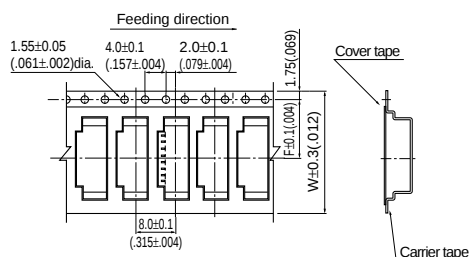
Contact: Phosphor bronze, copper-undercoated, tin-plated  
Housing: PA9T, UL94V-0, natural  
Solder tab: Brass, copper-undercoated, tin-plated

# GH CONNECTOR

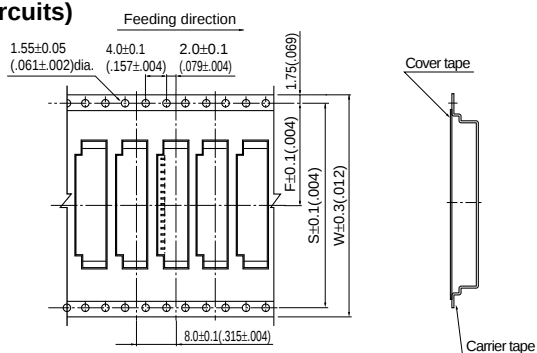
## Taping specifications



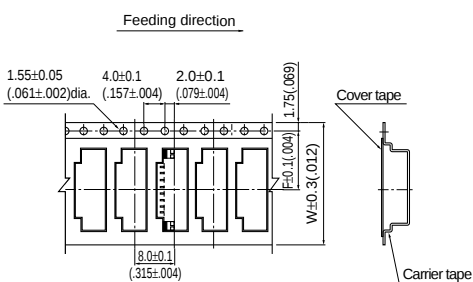
### Top entry type (2 to 9 circuits)



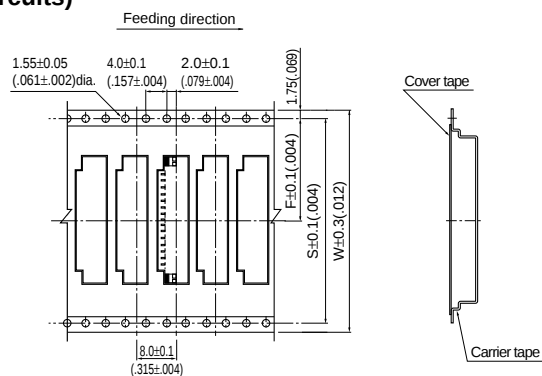
### (10 to 15 circuits)



### Side entry type (2 to 11 circuits)



### (12 to 15 circuits)



### Top entry type

| Circuits | Dimensions mm(in.) |             |             | Reel dimensions mm(in.) | Q'ty / reel |
|----------|--------------------|-------------|-------------|-------------------------|-------------|
|          | F                  | S           | W           |                         |             |
| 2        | 7.5(.295)          | —           | 16.0(.630)  | 17.5(.689)              | 2,500       |
| 3 to 9   | 11.5(.453)         | —           | 24.0(.945)  | 25.5(1.004)             | 2,500       |
| 10 to 12 | 14.2(.559)         | 28.4(1.118) | 32.0(1.260) | 33.5(1.319)             | 2,500       |
| 13 to 15 | 20.2(.795)         | 40.4(1.591) | 44.0(1.732) | 45.5(1.791)             | 2,500       |

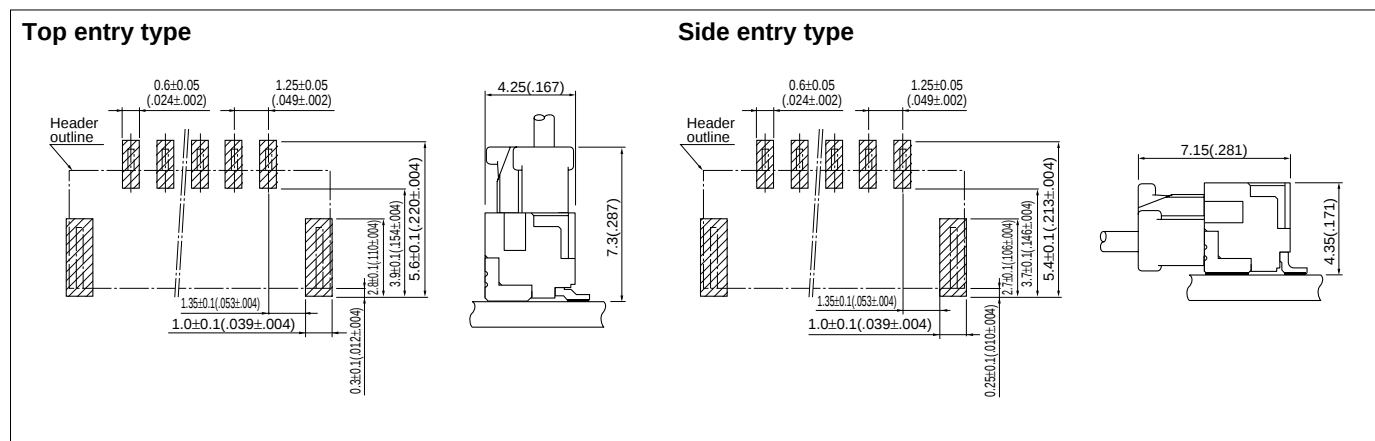
### Side entry type

| Circuits | Dimensions mm(in.) |             |             | Reel dimensions mm(in.) | Q'ty / reel |
|----------|--------------------|-------------|-------------|-------------------------|-------------|
|          | F                  | S           | W           |                         |             |
| 2 to 5   | 7.5(.295)          | —           | 16.0(.630)  | 17.5(.689)              | 2,500       |
| 6 to 11  | 11.5(.453)         | —           | 24.0(.945)  | 25.5(1.004)             | 2,500       |
| 12 to 15 | 14.2(.559)         | 28.4(1.118) | 32.0(1.260) | 33.5(1.319)             | 2,500       |

Note:

- Specifications conform to JIS C 0806. The tape width, connector loading recess square hole dimensions, etc. are determined by the number of circuits and external shape of the connector to be loaded.
- Specifications are subject to change without prior notice.

## PC board layout (viewed from component side) and Assembly layout



Note:

1. Tolerances are non-cumulative:  $\pm 0.05\text{mm}$  ( $\pm .002''$ ) for all centers.
2. The dimensions above should serve as a guideline. Contact JST for details.

## Applicator for the semi-automatic press AP-K2N

| Contact        | Crimp applicator MKS-L-10-3 |                      | Compact crimp applicator MKS-LS |                      | Strip-crimp applicator MKS-SC |
|----------------|-----------------------------|----------------------|---------------------------------|----------------------|-------------------------------|
|                | with safety cover           | without safety cover | with safety cover               | without safety cover | with safety cover             |
| SSHL-002T-P0.2 | APLMK SSLH002-02            | APLNC SSLH002-02     | —                               | —                    | —                             |



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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;
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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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**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.