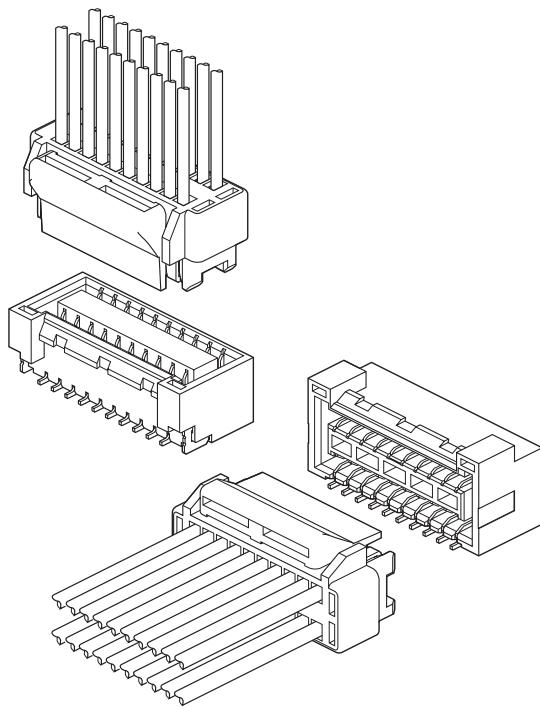




# GHD CONNECTOR

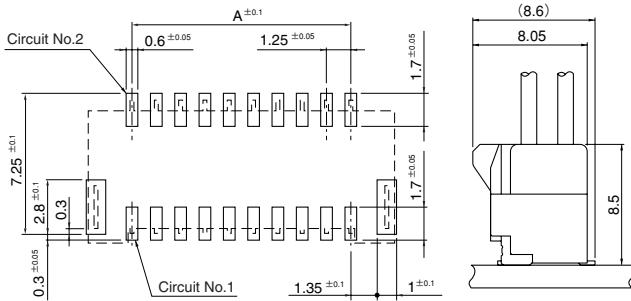
**1.25mm pitch/Disconnectable Crimp style connectors**



**To meet the requirement of the high density mounting on PC board of flat panel TV, AV equipments etc., this connector is designed to the double-row type of 1.25mm pitch. Its operability is very well, in spite of the small size.**

- **Secure locking structure**
- **Low insertion force**
- **Prevention of contact deformation**
- **Suction area for picking up**

## Top entry type



**Note:** 1. Tolerances are non-cumulative:  $\pm 0.05$ mm for all centers.  
2. The dimensions above should serve as a guideline. Contact JST for details.

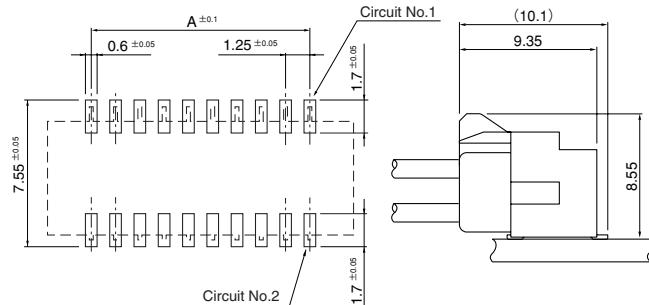
## Specifications

- 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/Top entry type: 30m  $\Omega$  max.  
Side entry type: 50m  $\Omega$  max  
After environmental testing/ Top entry type: 50m  $\Omega$  max.  
Side entry type: 70m  $\Omega$  max
- Insulation resistance: 100M  $\Omega$  min.
- Withstanding voltage: 500V AC/minute
- Applicable wire: Conductor size/ AWG #30 to #26  
Insulation O.D./ 0.8 to 1.0mm
- \* Compliant with RoHS.
- \* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
- \* Contact JST for details.

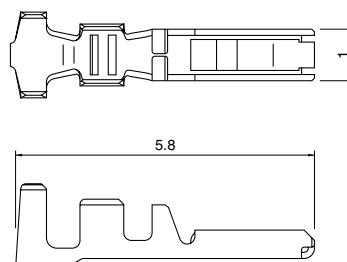
## Standards

■ Recognized E60389

## Side entry type



## Contact



Model No.	Applicable wire		Insulation O.D. (mm)	Q'ty / reel
	mm <sup>2</sup>	AWG#		
SGHD-002GA-P0.2	0.05~0.13	30~26	0.8~1.0	20,000

### Material and Finish

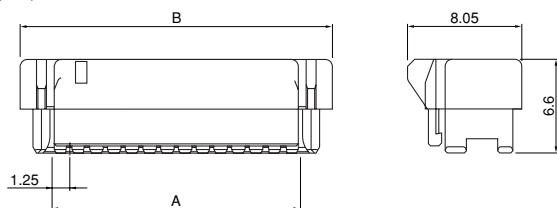
Phosphor bronze, nickel-undercoated, selective gold-plated

### RoHS compliance

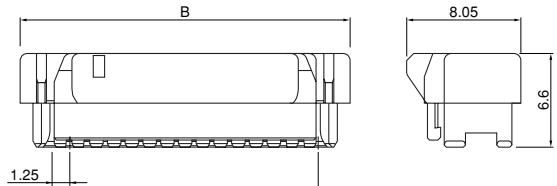
Contact	Crimping machine	Applicator		
		Crimp applicator	Dies	Crimp applicator with dies
SGHD-002GA-P0.2	AP-K2N	MKS-L-10-3	MK/SSHL-002-02	APLMK SSHL002-02

## Housing

〈20, 22, 30 circuits〉



〈40 circuits〉



Circuits	Model No.	Dimensions (mm)		Q'ty / box
		A	B	
20	<b>GHDR-20V-S (F)</b>	11.25	15.75	1,000
22	<b>GHDR-22V-S (F)</b>	12.50	17.00	1,000
30	<b>GHDR-30V-S (F)</b>	17.50	22.00	1,000
40	<b>GHDR-40V-S (F)</b>	23.75	28.25	1,000

### Material

PBT, UL94V-0, natural (white)

### RoHS compliance

<For reference> As the color identification, the following alphabet shall be put in the underlined part.

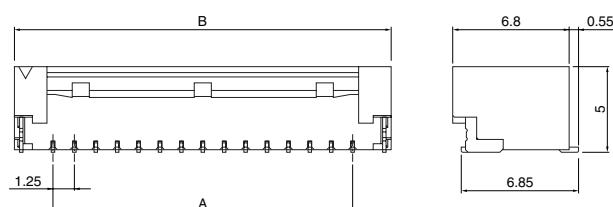
For availability, delivery and minimum order quantity, contact JST.

ex. **GHDR-20V-S (F)**

S...natural (white) LE...light blue MG...moss green  
DPK...bdaek pink

## Shrouded header

### Top entry type



Circuits	Model No.	Dimensions (mm)		Q'ty / reel
		A	B	
20	<b>BM20B-GHDS-G-TF</b>	11.25	15.75	1,250
22	<b>BM22B-GHDS-G-TF</b>	12.50	17.00	1,250
30	<b>BM30B-GHDS-G-TF</b>	17.50	22.00	1,250
32	<b>BM32B-GHDS-G-TF</b>	18.75	23.25	1,250
40	<b>BM40B-GHDS-G-TF</b>	23.75	28.25	1,250

### Material and Finish

Contact: Phosphor bronze, nickel-undercoated, selective gold-plated  
Housing: PA 9T, UL94V-0, natural (ivory)  
Reinforcement: Brass, copper-undercoated, tin-plated

### RoHS compliance

This product displays (LF)(SN) on a label.

<For reference> As the color identification,

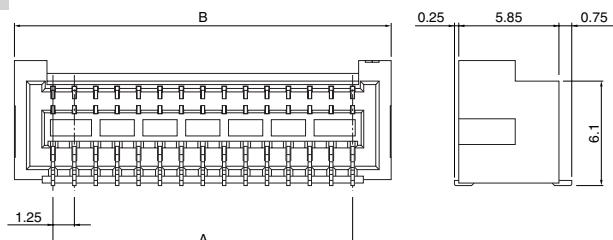
the following alphabet shall be put in the underlined part.

For availability, delivery and minimum order quantity, contact JST.

ex. **BM20B-GHDS-G-TF**

S...natural (white) LE...light blue MG...moss green  
DPK...bdaek pink

### Side entry type



Circuits	Model No.	Dimensions (mm)		Q'ty / reel
		A	B	
20	<b>SM20B-GHDS-GAN-TF</b>	11.25	15.75	900
22	<b>SM22B-GHDS-GAN-TF</b>	12.50	17.00	900
30	<b>SM30B-GHDS-GAN-TF</b>	17.50	22.00	900

### Material and Finish

Contact: Phosphor bronze, nickel-undercoated, selective gold-plated  
Housing: LCP, UL94V-0, natural (ivory)

### RoHS compliance