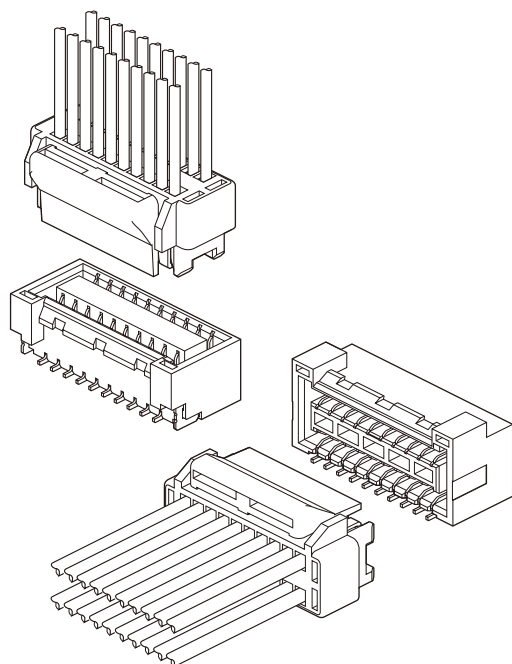
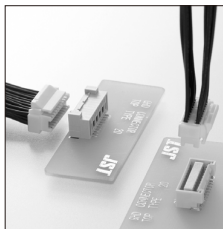




# GHD CONNECTOR

## 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

### Specifications

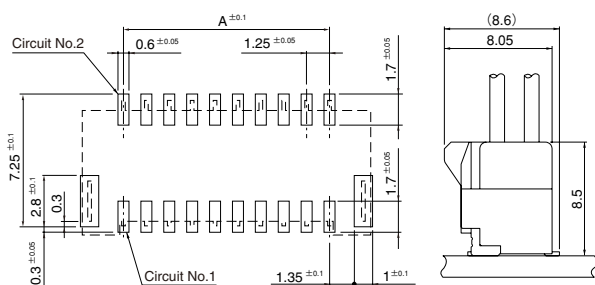
- Current rating: 1.0A AC, DC (AWG #26)
- Voltage rating: 50V AC, DC
- Temperature range: -25°C to +85°C  
(including temperature rise in applying electrical current)
- Contact resistance:
  - Initial value/Top entry type: 30m Ω max.
  - Side entry type: 50m Ω max
  - After environmental testing/Top entry type: 50m Ω max.
  - Side entry type: 70m Ω max
- Insulation resistance: 100M Ω 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

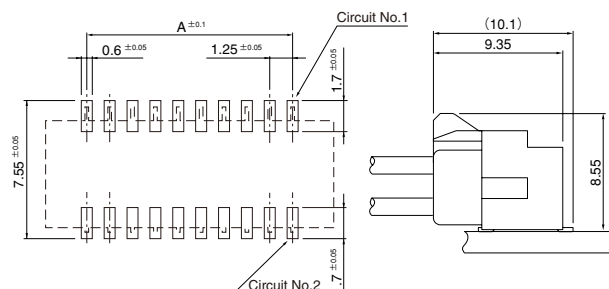
Recognized E60389

### PC board layout and Assembly layout

#### Top entry type



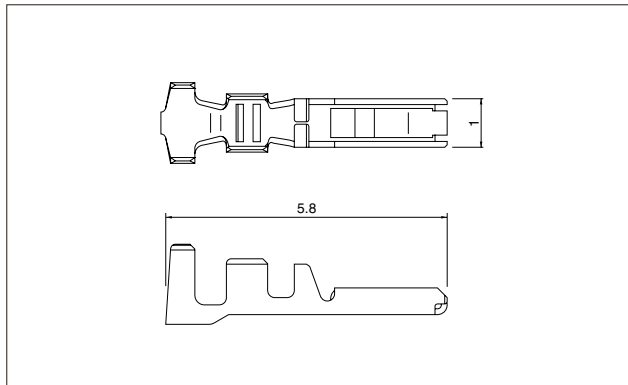
#### Side entry type



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

# GHD CONNECTOR

## Contact



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

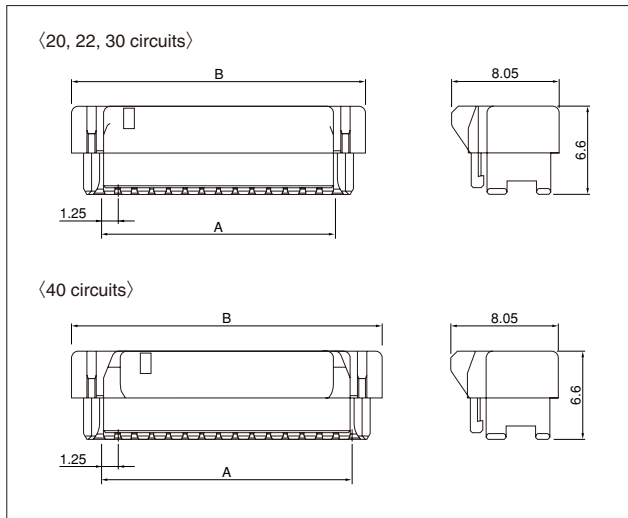
### Material and Finish

Phosphor bronze, nickel-undercoated, selective gold-plated

### RoHS compliance

Contact	Crimping machine	Applicator		
		Crimp applicator	Dies	Crimp applicator with dies
<b>SGHD-002GA-P0.2</b>	AP-K2N	MKS-L-10-3	MK/SSHL-002-02	APLMK SSSL002-02
		—	—	—

## Housing



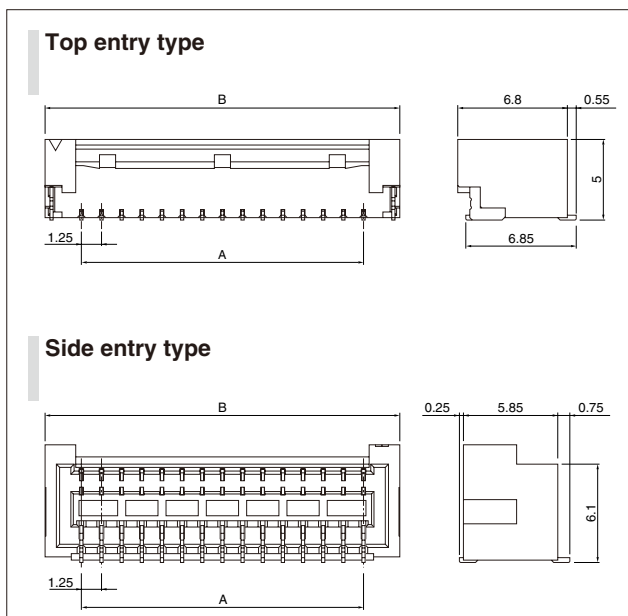
Circuits	Model No.	Dimensions (mm)		Q'ty / box
		A	B	
20	<b>GHDR-20V-S (F)</b>	11.25	15.75	1,000
22	<b>GHDR-22V-S (F)</b>	12.50	17.00	1,000
30	<b>GHDR-30V-S (F)</b>	17.50	22.00	1,000
40	<b>GHDR-40V-S (F)</b>	23.75	28.25	1,000

### Material

PBT, UL94V-0, natural (white)

### RoHS compliance

## Shrouded header



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
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.

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