# imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



# Contact us

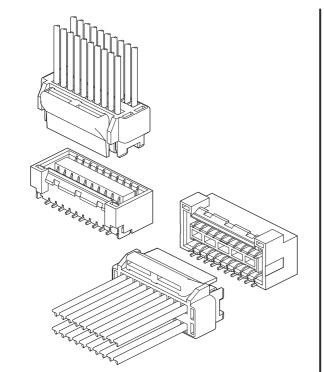
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832 Email & Skype: info@chipsmall.com Web: www.chipsmall.com Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China











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.

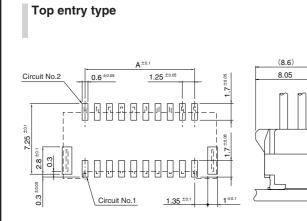
- Secure locking structure
- Low insertion force
- Prevention of contact deformation
- Suction area for picking up

### Specifications -

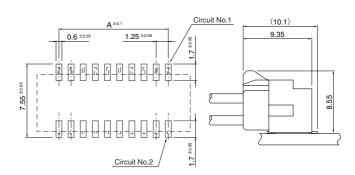
- Current rating: 1.0A AC, DC (AWG #26)
- Voltage rating: 50V AC, DC
- Temperature range: -25°C to +85°C (including temperature rise in applying electrical current)
- Contact resistance: Initial value/Top entry type:  $30m \Omega max$ . Side entry type:  $50m \Omega max$ After environmental testing/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

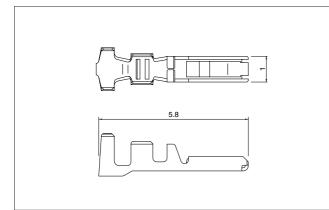


Note: 1. Tolerances are non-cumulative: ±0.05mm for all centers.

2. The dimensions above should serve as a guideline. Contact JST for details.

## GHD CONNECTOR

Contact



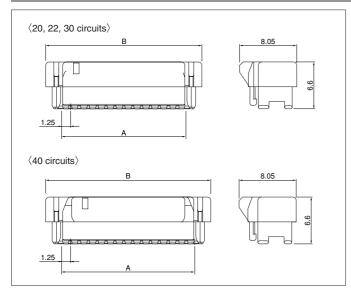
Model No.	Applicable wire		Insulation O.D.	Q'ty /	
woder no.	mm <sup>2</sup>	AWG#	(mm)	reel	
SGHD-002GA-P0.2	0.05~0.13	30~26	0.8~1.0	20,000	
Material and Finish					

Phosphor bronze, nickel-undercoated, selective gold-plated

**RoHS compliance** 

	Contact	Crimping machine	Applicator			
	Contact		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

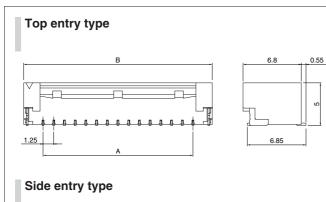


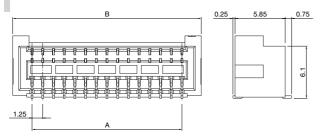
Circuits Model No.	Dimensi	Dimensions (mm)	
	A	В	box
GHDR-20V-S (F)	11.25	15.75	1,000
GHDR-22V-S (F)	12.50	17.00	1,000
GHDR-30V-S (F)	17.50	22.00	1,000
GHDR-40V-S (F)	23.75	28.25	1,000
•• •			
	GHDR-20V-S (F) GHDR-22V-S (F) GHDR-30V-S (F) GHDR-40V-S (F)	Model No.      A        GHDR-20V-S (F)      11.25        GHDR-22V-S (F)      12.50        GHDR-30V-S (F)      17.50        GHDR-40V-S (F)      23.75	Model No.      A      B        GHDR-20V-S (F)      11.25      15.75        GHDR-22V-S (F)      12.50      17.00        GHDR-30V-S (F)      17.50      22.00

PBT, UL94V-0, natural (white)

RoHS compliance

#### Shrouded header





Circuits	Model No.	Dimensions (mm)		Q'ty /
		A	В	reel
20	BM20B-GHDS-G-TF	11.25	15.75	1,250
22	BM22B-GHDS-G-TF	12.50	17.00	1,250
30	BM30B-GHDS-G-TF	17.50	22.00	1,250
32	BM32B-GHDS-G-TF	18.75	23.25	1,250
40	BM40B-GHDS-G-TF	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 /
		А	В	reel
20	SM20B-GHDS-GAN-TF	11.25	15.75	900
22	SM22B-GHDS-GAN-TF	12.50	17.00	900
30	SM30B-GHDS-GAN-TF	17.50	22.00	900

Material and Finish

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

RoHS compliance