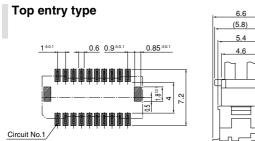


Developed for PDP, LCD or small electronics equipment. This is a dual-row small crimp type connector with a secure locking system or without-designed for different applications. The PC board layout is compatible with that of existing SHD connector, which allows for replacement of the above existing connector.

- Secure housing lock structure (for locking type)
- Prevent deformation of contacts
- A contact lock structure
- Strong structure against external force

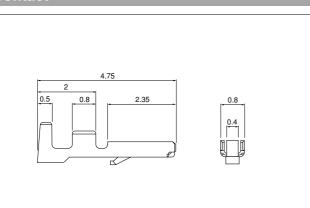
### PC board layout and Assembly layout





Note: 1. The above figure is the figure viewed from the connector mounting side. 2. Tolerances are non-cumulative: ±0.1 mm for all centers. The dimensions above should serve as a guideline. Contact JST for details.

Contact



Model No.	Applicable wire			Oltra/maral			
	mm <sup>2</sup>	AWG#	Insulation O.D. (mm)	Q'ty/reel			
SSHL-003GA1-P0.2	0.032~0.08	32~28	0.4~0.8	41,000			
Material and Finish							

Phosphor bronze, nickel-undercoated, Mating part; gold-plated, Crimping part; gold-plated

### RoHS compliance

Contact	Crimping machine	Applicator			
Contact		Crimp applicator	Dies	Crimp applicator with dies	
SSHI 002CA1 D0 /	2 AP-K2N	MKS-L-10-3	MK/SSH/L-003-02	APLMK SSHL002-02	
33112-003GA1-F0.2		*MKS-SC	SC/SSH/L-003-02	APLSC SSH/L003-02	

Note: \*Strip-crimp applicator

Contact JST for applicable wires in case that it is not usable due to wire size.

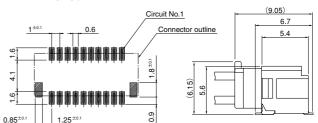
## Specifications

- Current rating: 1.0 A AC, DC (AWG #28)
- Voltage rating: 50 V AC, DC
- Temperature range: -25°C to +85°C (including temperature rise in applying electrical current)
- Contact resistance: Initial value/ 30 mΩ max. After environmental tests/ 40 mΩ max.
- Insulation resistance: 100 M $\Omega$  min.
- Withstanding voltage: 500 VAC/minute
- \* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
- \* Contact JST for details.
- \* Compliant with RoHS.

## Standards -

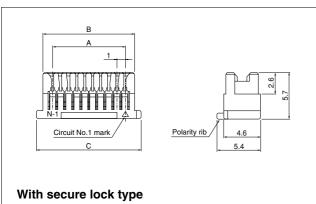
- Recognized E60389
- Certified LR20812

### Side entry type



# SHLD CONNECTOR

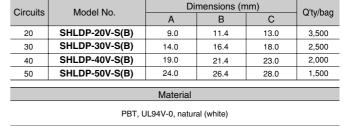
### Housing



Polarity rib

4.6

5.4



#### RoHS compliance

### With secure lock type

	Circuits	Model No.	Di	Oth/hog		
			А	В	С	Q'ty/bag
	20	SHLDP-20V-S-1(B)	9.0	14.7	15.7	3,000
	30	SHLDP-30V-S-1(B)	14.0	19.7	20.7	2,000
	40	SHLDP-40V-S-1(B)	19.0	24.7	25.7	1,500
	50	SHLDP-50V-S-1(B)	24.0	29.7	30.7	1,200

Material PBT, UL94V-0, natural (white)

RoHS compliance

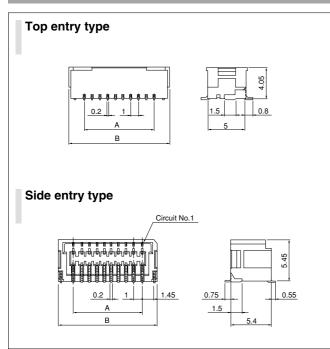
### Shrouded header

Circuit No.1 mar

С

В

1



Circuits	Model No.		Dimensions (mm)		Q'ty/reel	
Circuits	Top entry type	Side entry type	Α	В	Top type	Side type
20	BM20B-SHLDS-G-TFT	SM20B-SHLDS-G-TF	9.0	13.0	1,400	1,000
30	BM30B-SHLDS-G-TFT	SM30B-SHLDS-G-TF	14.0	18.0	1,400	1,000
40	BM40B-SHLDS-G-TFT	SM40B-SHLDS-G-TF	19.0	23.0	1,400	1,000
50	BM50B-SHLDS-G-TFT	SM50B-SHLDS-G-TF	24.0	28.0	1,400	1,000

Material and Finish

Contact: Phosphor bronze, nickel-undercoated, gold-plated Wafer: PA, UL94V-0, natural (ivory) Solder tab: Brass, copper-undercoated, tin-plated (reflow treatment)

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