

This is the wire to board connector corresponding to the high frequency transmission (LVDS: Low Voltage Differential Signaling) with a lot of adoption for PDP. LCD - TV and so on. This connector was developed to have excellent workability. strength and cost performance. This connector is used not only for LVDS. but also for multi - circuits connector (small and space saving type) in normal circuit.

- Corresponding to LVDS (Low Voltage Differential Signaling)
- Secure locking structure
- Connector strength
- Contact locking structure

# Specifications -

- Current rating: 1.0A AC, DC (AWG #28)
- Voltage rating: 30V AC, DC
- Temperature range: -25°C to +85°C (including temperature rise in applying electrical current)
- Contact resistance: Initial value/30m  $\Omega$  max. After environmental testing/50m  $\Omega$  max.
- Insulation resistance: 100M  $\Omega$  min.
- Withstanding voltage: 500V AC/minute
- Applicable wire: Conductor size/AWG #32 to #28
  - Insulation O.D./0.4 to 0.8mm
- \* Compliant with RoHS.
- \* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.

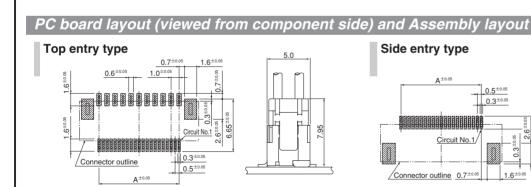
.0.5<sup>±0.05</sup> 0.3<sup>±0.0</sup>

Circuit No.1

\* Contact JST for details.

## Standards -

- Recognized E60389



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





Contact 4.75 2.0 0.5 0.8 2.35 0.8 0.4 К

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

Model No.	Applicable wire		Insulation O.D. (mm)	Q'ty / reel		
	mm <sup>2</sup>	AWG#		Q ty / leel		
SSHL-003GA1-P0.2	0.032~0.08	32~28	0.4~0.8	30,000		
Material and Finish						
Phosphor bronze, nickel-undercoated, Mating part; gold-plated, Crimping part; gold-plated						
RoHS compliance						

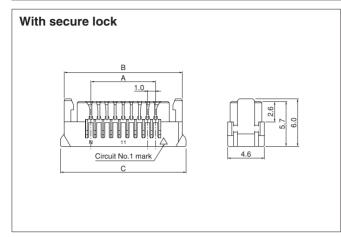
Contact	Crimping machine	Applicator			
		Crimp applicator	Dies	Crimp applicator with dies	
SSHL-003GA1-P0.2	AP-K2N	MKS-L-10-3	MK/SSH/L-003-02	APLMK SSH/L003-02	
		*MKS-SC	SC/SSH/L-003-02	APLSC SSH/L003-02	

Note: \*Strip-crimp applicator

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

# SHLV CONNECTOR

### Housing



Circuits	Model No.	Dimensions (mm)			04.4
		A	В	С	Q'ty / bag
21	SHLVP-21V-S-1	10.0	16.7	17.7	3,000
31	SHLVP-31V-S-1	15.0	21.7	22.7	2,000
		Material			

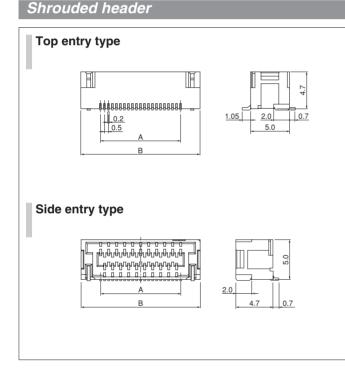
PBT. UL94V-0. natural(white)

#### 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. SHLVP-21V-S-1

S...natural (white) LE...light blue



Circuits	Model No.	Dimensio	ons (mm)	Q'ty / reel	
	Top entry type	А	В		
21	BM21B-SHLVS-G-TBT	10.0	15.0	1,500	
31	BM31B-SHLVS-G-TBT	15.0	20.0	1,500	
Circuits -	Model No.	Dimensions (mm)		Othe / real	
	Side entry type	А	В	Q'ty / reel	
21	SM21B-SHLVS-G-TB	10.0	15.0	2,000	
31	SM31B-SHLVS-G-TB	15.0	20.0	2,000	

Material and Finish

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

**RoHS compliance** This product displays (LF)(SN) on a label. This products listed above are supplied on embossed-tape.

<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. <Top entry type>

ex. BM21B-SHLVS-G-TBT

S...natural (ivory)

LE...light blue

<Side entry type>

ex. SM21B-SHLVS-G-TB

S...natural (ivory) LE...light blue