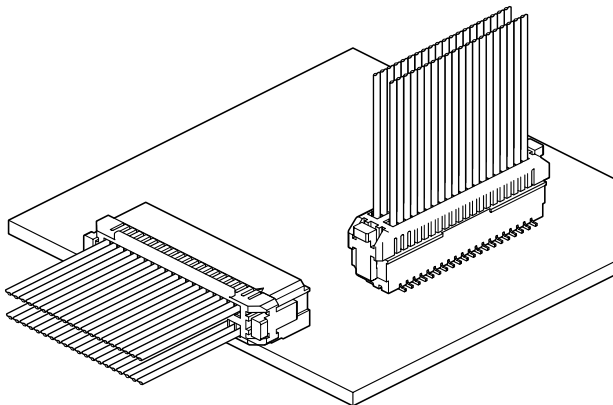


SHLD CONNECTOR

1.0mm pitch/Disconnectable Crimp style connectors



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

Specifications

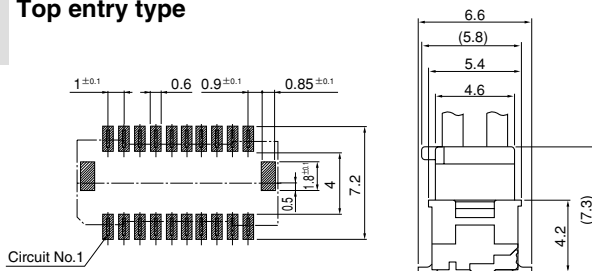
- Current rating: 1.0 A AC, DC (AWG #28)
- Voltage rating: 50 V AC, DC
- Temperature range: -25°C to +85°C
(including temperature rise in applying electrical current)
- Contact resistance: Initial value/ 30 mΩ max.
After environmental tests/ 40 mΩ max.
- Insulation resistance: 100 MΩ min.
- Withstanding voltage: 500 VAC/minute
- * In using the products, refer to "Handling Precaution for Terminal and Connector" described on our website (Technical documents of Product information page).
- * Contact JST for details.
- * RoHS2 compliance.

Standards

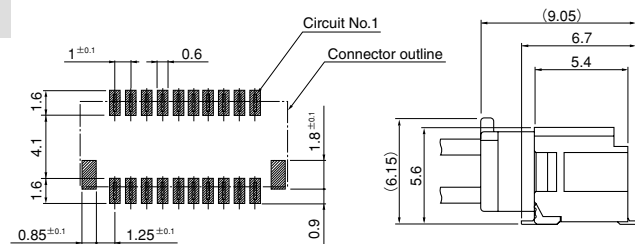
Recognized E60389

PC board layout and Assembly layout

Top entry type

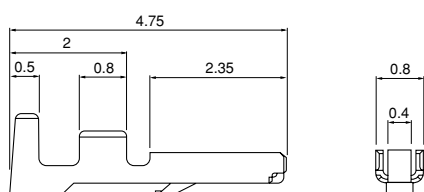


Side entry type



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		Insulation O.D. (mm)	Q'ty/reel
	mm ²	AWG#		
SSHLD-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

RoHS2 compliance

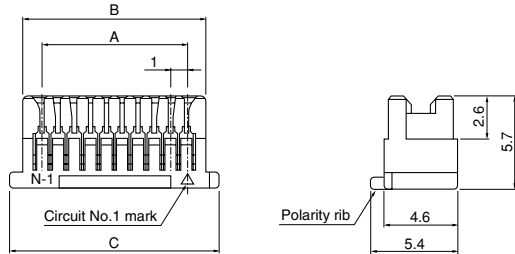
Contact	Crimping machine	Applicator		
		Crimp applicator	Dies	Crimp applicator with dies
SSHLD-003GA1-P0.2	AP-K2N	MKS-L-10-3	MK/SSH/L-003-02	APLMK SSHL002-02
		*MKS-SC	SC/SSH/L-003-02	APLSC SSH/L003-02

Note: *Strip-crimp applicator

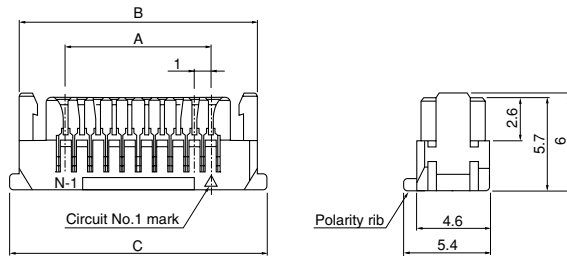
Contact JST for applicable wires in case that it is not usable due to wire size.

SHLD CONNECTOR

Housing



With secure lock type



Circuits	Model No.	Dimensions (mm)			Q'ty/bag
		A	B	C	
20	SHLDP-20V-S(B)	9.0	11.4	13.0	3,500
30	SHLDP-30V-S(B)	14.0	16.4	18.0	2,500
40	SHLDP-40V-S(B)	19.0	21.4	23.0	2,000
50	SHLDP-50V-S(B)	24.0	26.4	28.0	1,500

Material and Finish

PBT, UL94V-0, natural (white)

RoHS2 compliance

With secure lock type

Circuits	Model No.	Dimensions (mm)			Q'ty/bag
		A	B	C	
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

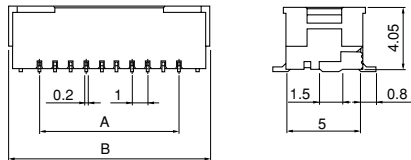
Material and Finish

PBT, UL94V-0, natural (white)

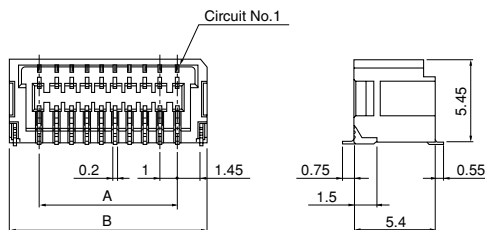
RoHS2 compliance

Shrouded header

Top entry type



Side entry type



Circuits	Model No.		Dimensions (mm)		Q'ty/reel	
	Top entry type	Side entry type	A	B	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)

RoHS2 compliance This product displays (LF)(SN) on a label.