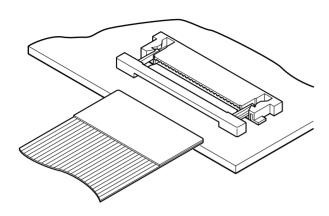


FLH CONNECTOR







Compact connector with just 1.2mm high after mounting on the PC board.

- Thin design
- Heat resisting design suitable for surface mounting
- In-line surface mounting
- Two types of connections
- Embossed tape for automatic mounting

Specifications -

Current rating: 0.5A AC, DC
Voltage rating: 50V AC, DC
Temperature range: -25°C to +85°C

(including temperature rise in applying

electrical current)

• Contact resistance: Initial value/40m Ω max.

After environmental testing/60m Ω max.

 $\begin{tabular}{lll} \bullet & Insulation resistance: & 800M Ω min. \\ \bullet & Withstanding voltage: & 200V AC/minute \\ \bullet & Applicable FPC: & Conductor pitch/0.5mm & Conductor width/0.35mm \\ \hline \end{tabular}$

Mating part thickness/0.3±0.03mm

Note: FPC to be actually used should be checked for applicability.

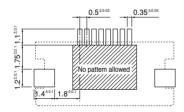
- * Compliant with RoHS.
- * Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
- * Contact JST for details.

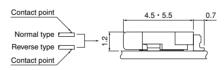
Standards -

Recognized E60389

⊕ Certified LR20812

PC board layout (viewed from component side) and Assembly layout



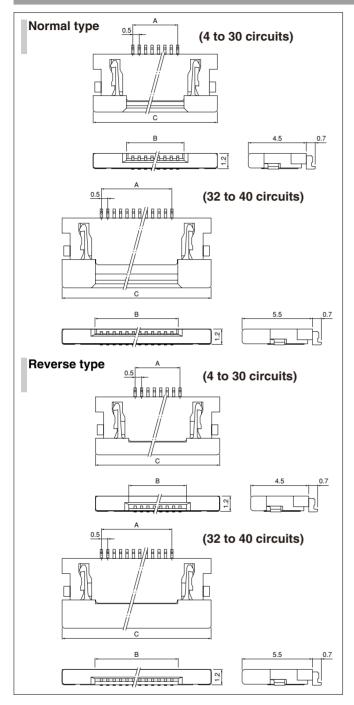


Note: 1. Tolerances are non-cumulative: ± 0.03 mm for all centers.

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

FLH CONNECTOR

Connector



Circuits	Model No.		Dimensions (mm)			Q'ty /
	Normal type	Reverse type	Α	В	С	reel
4	04FLH-SM1-TB	04FLH-RSM1-TB	1.5	2.55	7.7	3,000
6	06FLH-SM1-TB	06FLH-RSM1-TB	2.5	3.55	8.7	3,000
7	07FLH-SM1-TB	07FLH-RSM1-TB	3.0	4.05	9.2	3,000
8	08FLH-SM1-TB	08FLH-RSM1-TB	3.5	4.55	9.7	3,000
10	10FLH-SM1-TB	10FLH-RSM1-TB	4.5	5.55	10.7	3,000
11	11FLH-SM1-TB	11FLH-RSM1-TB	5.0	6.05	11.2	3,000
12	12FLH-SM1-TB	12FLH-RSM1-TB	5.5	6.55	11.7	3,000
13	13FLH-SM1-TB	13FLH-RSM1-TB	6.0	7.05	12.2	3,000
14	14FLH-SM1-TB	14FLH-RSM1-TB	6.5	7.55	12.7	3,000
15	15FLH-SM1-TB	15FLH-RSM1-TB	7.0	8.05	13.2	3,000
16	16FLH-SM1-TB	16FLH-RSM1-TB	7.5	8.55	13.7	3,000
17	17FLH-SM1-TB	17FLH-RSM1-TB	8.0	9.05	14.2	3,000
18	18FLH-SM1-TB	18FLH-RSM1-TB	8.5	9.55	14.7	3,000
19	_	19FLH-RSM1-TB	9.0	10.05	15.2	3,000
20	20FLH-SM1-TB	20FLH-RSM1-TB	9.5	10.55	15.7	3,000
21	21FLH-SM1-TB	_	10.0	11.05	16.2	3,000
22	22FLH-SM1-TB	22FLH-RSM1-TB	10.5	11.55	16.7	3,000
24	24FLH-SM1-TB	24FLH-RSM1-TB	11.5	12.55	17.7	3,000
26	26FLH-SM1-TB	_	12.5	13.55	18.7	3,000
28	28FLH-SM1-TB	28FLH-RSM1-TB	13.5	14.55	19.7	3,000
30	30FLH-SM1-TB	30FLH-RSM1-TB	14.5	15.55	20.7	3,000
32	32FLH-SM1-TB	32FLH-RSM1-TB	15.5	16.55	21.7	3,000
34		34FLH-RSM1-TB	16.5	17.55	22.7	3,000
40	40FLH-SM1-TB	40FLH-RSM1-TB	19.5	20.55	25.7	3,000

Material and Finish

Contact: Copper alloy, copper-undercoated, tin-plated (reflow treatment) Housing: LCP, UL94V-0

Solder tab: Copper alloy, copper-undercoated, tin-plated (reflow treatment) Slider: PA 6T, UL94V-0

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

Lead section dimensions of FPC

