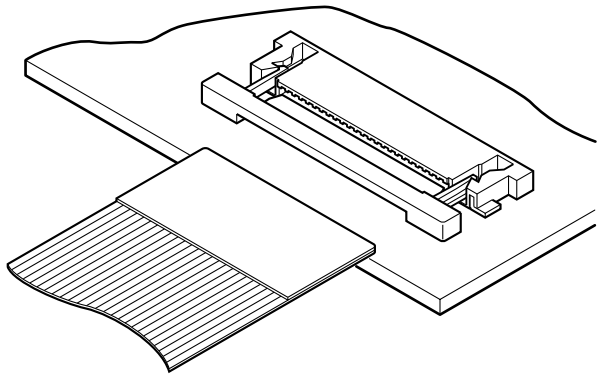
FLH CONNECTOR

Emboss Tape

ZIF TYPE

0.5mm pitch/Connectors for FPC



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.
- Insulation resistance: 800M Ω min.
- Withstanding voltage: 200V AC/minute
- Applicable FPC: Conductor pitch/0.5mm
  Conductor width/0.35mm
  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.

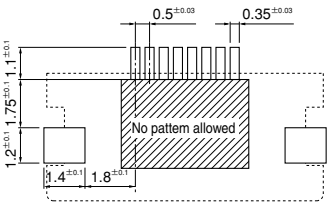
* Contact JST for details.

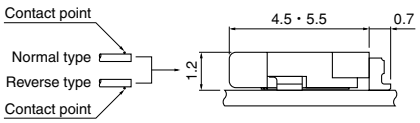
Standards

Recognized E60389

Certified LR20812

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





Note: 1. Tolerances are non-cumulative: ±0.03mm for all centers.
2. The dimensions above should serve as a guideline. Contact JST for details.

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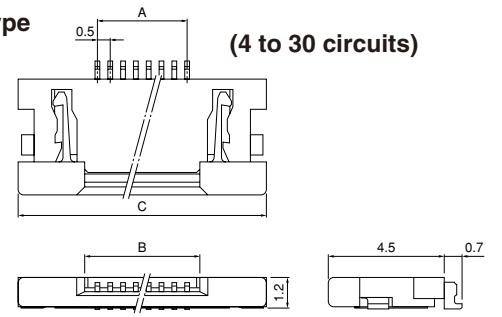
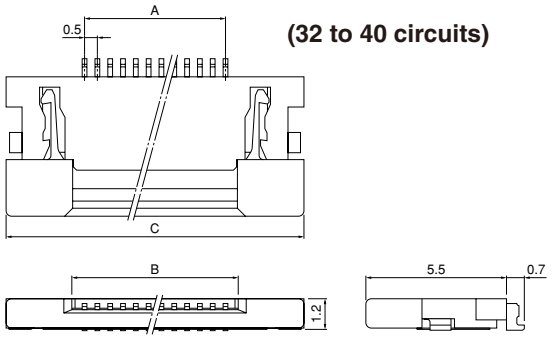
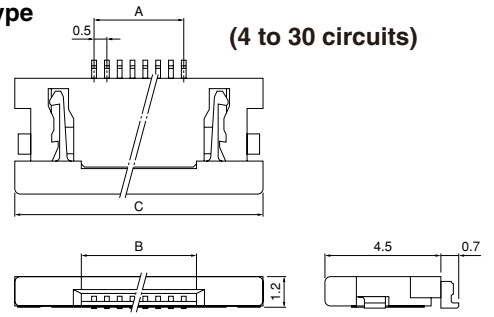
Connector

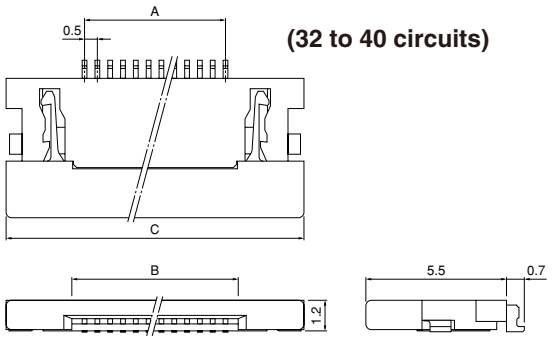
Normal type





Reverse type



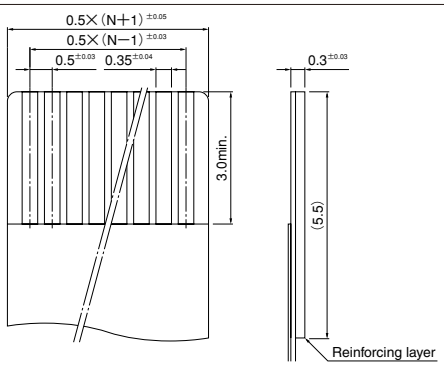


Circuits	Model No.		Dimensions (mm)			Q'ty / reel
	Normal type	Reverse type	A	B	C	
4	**04FLH-SM1-TB**	**04FLH-RSM1-TB**	1.5	2.55	7.7	3,000
6	**06FLH-SM1-TB**	**06FLH-RSM1-TB**	2.5	3.55	8.7	3,000
7	**07FLH-SM1-TB**	**07FLH-RSM1-TB**	3.0	4.05	9.2	3,000
8	**08FLH-SM1-TB**	**08FLH-RSM1-TB**	3.5	4.55	9.7	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



Note: N --- Number of circuits

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