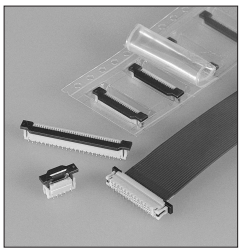
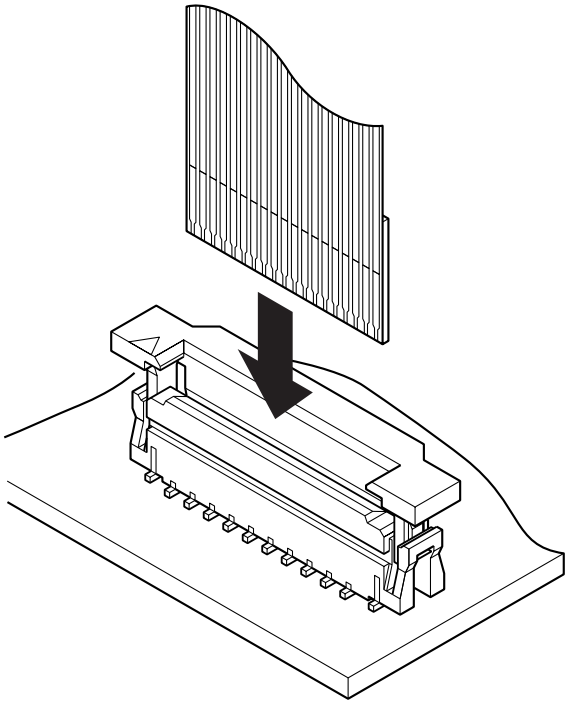


FLZT CONNECTOR

Emboss Tape

ZIF TYPE

0.5mm pitch/Connectors for FPC



Vertical 0.5mm pitch ZIF type connector with staggered solder tails. Both normal type and reverse type are available.

- ***Zero insertion force mechanism***
- ***Two types of connections***
- ***Heat resisting design suitable for surface 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/20m Ω max.
  After environmental testing/40m Ω max.
- Insulation resistance: 100M Ω min.
- Withstanding voltage: 200V AC/minute
- Applicable FPC: Conductor pitch/0.5mm
  Conductor width/0.35mm
  Mating part thickness/0.3±0.05mm

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.

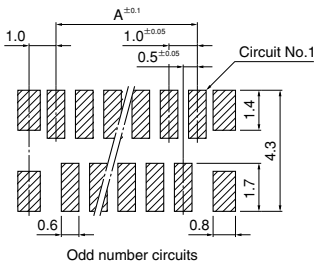
Standards

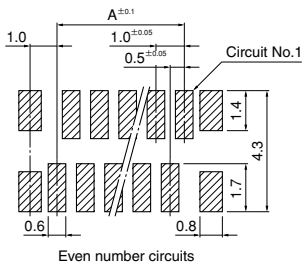
Recognized E60389

Certified LR20812

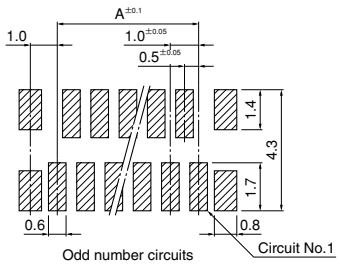
PC board layout (viewed from component side) and Assembly layout

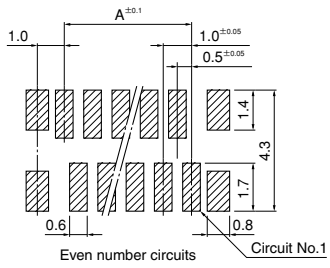
Normal type

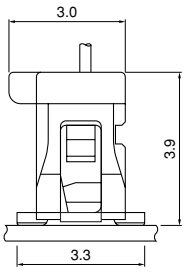




Reverse type



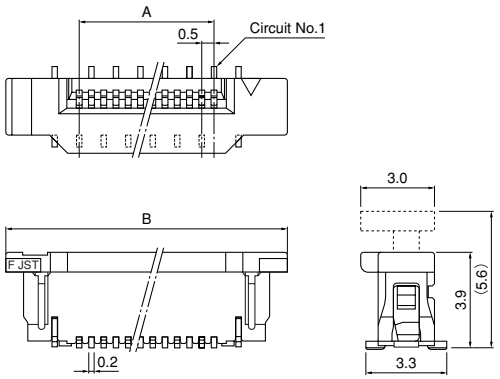




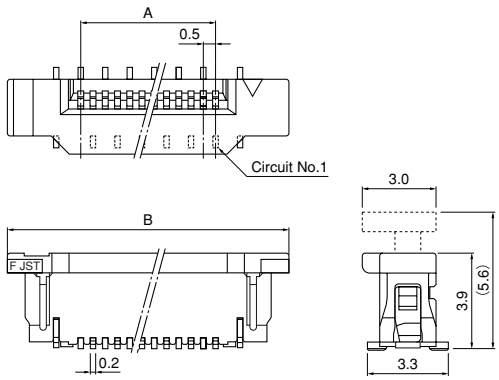
Note: 1. Tolerances are non-cumulative: ±0.05mm for all centers.
2. The dimensions above should serve as a guideline. Contact JST for details.

Connector

Normal type



Reverse type

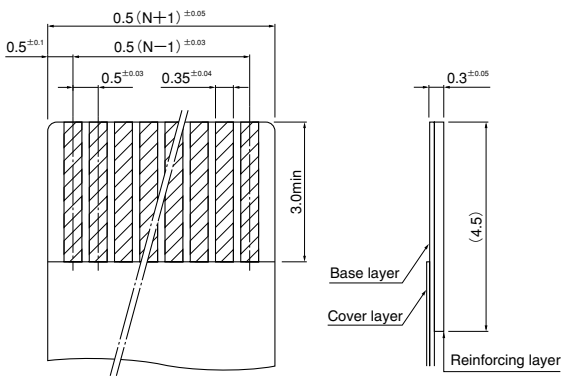


Circuits	Model No.		Dimensions (mm)		Q'ty / reel
	Normal type	Reverse type	A	B	
6	**06FLZT-SM1-TF**	**06FLZT-RSM1-TF**	2.5	8.5	1,500
8	**08FLZT-SM1-TF**	**08FLZT-RSM1-TF**	3.5	9.5	1,500
10	**10FLZT-SM1-TF**	**10FLZT-RSM1-TF**	4.5	10.5	1,500
12	**12FLZT-SM1-TF**	**12FLZT-RSM1-TF**	5.5	11.5	1,500
14	**14FLZT-SM1-TF**	**14FLZT-RSM1-TF**	6.5	12.5	1,500
15	**15FLZT-SM1-TF**	**15FLZT-RSM1-TF**	7.0	13.0	1,500
16	**16FLZT-SM1-TF**	**16FLZT-RSM1-TF**	7.5	13.5	1,500
20	**20FLZT-SM1-TF**	**20FLZT-RSM1-TF**	9.5	15.5	1,500
22	**22FLZT-SM1-TF**	**22FLZT-RSM1-TF**	10.5	16.5	1,500
24	**24FLZT-SM1-TF**	**24FLZT-RSM1-TF**	11.5	17.5	1,500
28	**28FLZT-SM1-TF**	**28FLZT-RSM1-TF**	13.5	19.5	1,500
30	**30FLZT-SM1-TF**	**30FLZT-RSM1-TF**	14.5	20.5	1,500
37	**37FLZT-SM1-TF**	**37FLZT-RSM1-TF**	18.0	24.0	1,500
40	**40FLZT-SM1-TF**	**40FLZT-RSM1-TF**	19.5	25.5	1,500
42	**42FLZT-SM1-TF**	**42FLZT-RSM1-TF**	20.5	26.5	1,500

Material and Finish
Contact: Phosphor bronze, copper-undercoated, tin-plated (reflow treatment) Slider housing: PPS, UL94V-0 Nomal type...natural (brown) Reverse type...black Housing: PPS, UL94V-0, natural Solder tab: Brass, copper-undercoated, tin-plated (reflow treatment)

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

Lead section dimensions of FPC



Note: N---Number of circuits