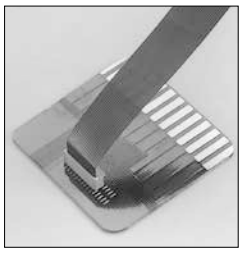
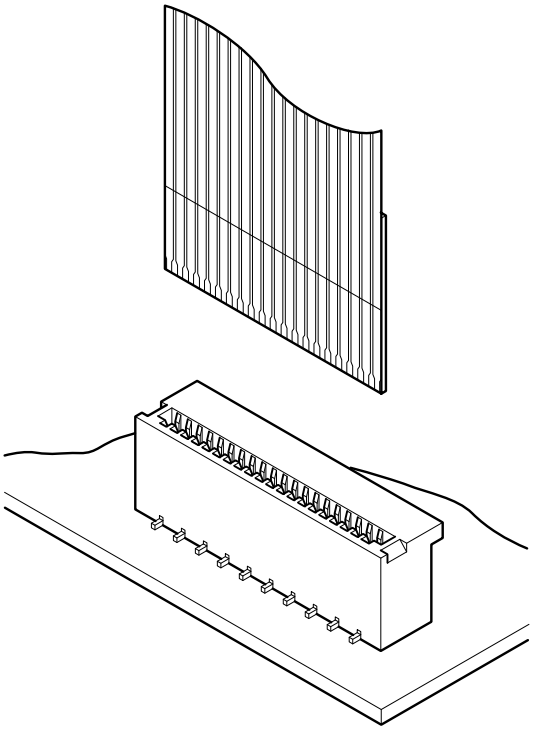


FLT CONNECTOR

Emboss Tape

NON-ZIF TYPE

0.5 mm pitch/Connectors for FPC



- **Heat resisting design suitable for surface mounting**
- **Staggered surface mount tails**
- **Embossed tape for automatic mounting**
- **FPC insertion is easy**
- **Compact design**

Specifications

- Current rating: 0.5 A AC/DC
- Voltage rating: 50 V AC/DC
- Temperature range: −25℃ to +85℃
  (including temperature rise in applying electrical current)
- Contact resistance: Initial value/ 50 mΩ max.
  After environmental tests/ 20 mΩ max.
  (variation from initial value)
- Insulation resistance: 500 MΩ min.
- Withstanding voltage: 200 VAC/minute
- Applicable FPC: Conductor pitch/ 0.5 mm
  Conductor width/ 0.35 mm
  Mating part thickness/0.3 ± 0.05 mm

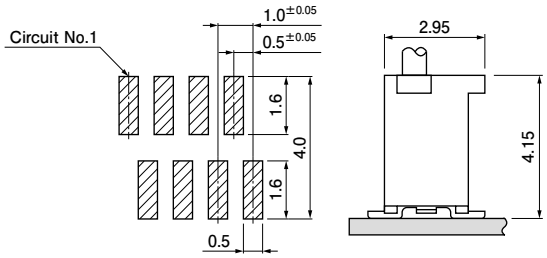
Note: FPC to be actually used should be checked for applicability.

* In using the products, refer to "Handling Precautions for Terminals and Connectors" described on our website (Technical documents of Product information page).
* RoHS2 compliance
* Dimensional unit: mm
* Contact JST for details.

Standards

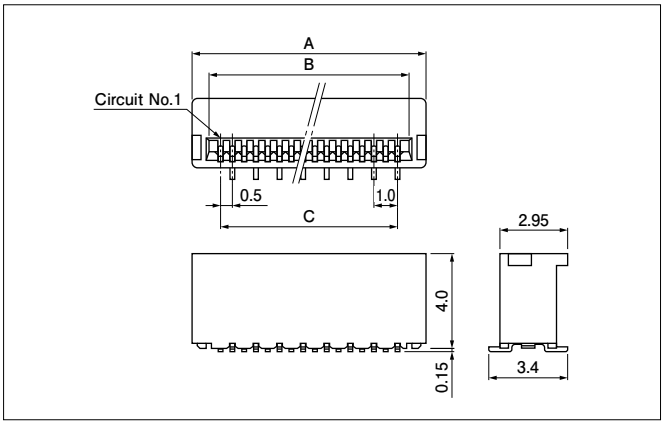
Recognized E60389

PC board layout and Assembly layout



Note: 1. The above figure is the figure viewed from the connector mounting side.
2. Tolerances are non-cumulative: ± 0.05 mm for all centers.
3. The dimensions above should serve as a guide line. Contact JST for details.

Connector

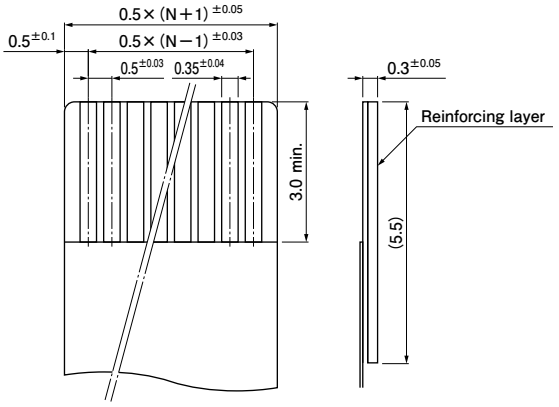


No. of circuits	Model No.	Dimensions (mm)			Q'ty/ reel
		A	B	C	
6	**06FLT-SM2-TB**	4.9	3.5	2.5	2,500
8	**08FLT-SM2-TB**	5.9	4.5	3.5	2,500
10	**10FLT-SM2-TB**	6.9	5.5	4.5	2,500
12	**12FLT-SM2-TB**	7.9	6.5	5.5	2,500
14	**14FLT-SM2-TB**	8.9	7.5	6.5	2,500
16	**16FLT-SM2-TB**	9.9	8.5	7.5	2,500
18	**18FLT-SM2-TB**	10.9	9.5	8.5	2,500
20	**20FLT-SM2-TB**	11.9	10.5	9.5	2,500
22	**22FLT-SM2-TB**	12.9	11.5	10.5	2,500
24	**24FLT-SM2-TB**	13.9	12.5	11.5	2,500
26	**26FLT-SM2-TB**	14.9	13.5	12.5	2,500
28	**28FLT-SM2-TB**	15.9	14.5	13.5	2,500
30	**30FLT-SM2-TB**	16.9	15.5	14.5	2,500
32	**32FLT-SM2-TB**	17.9	16.5	15.5	2,500
40	**40FLT-SM2-TB**	21.9	20.5	19.5	2,500

Material and Finish
Contact: Phosphor bronze, copper-undercoated, tin-plated (reflow treatment) Housing: PA 6T, UL94V-0

RoHS2 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