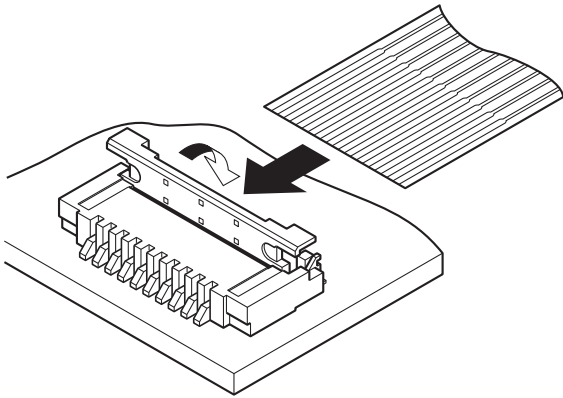


# FXL CONNECTOR

**0.3mm pitch/Connectors for FPC**



**0.3mm pitch non-ZIF flip lock type connector with 1.3mm low profile.**

- 1.3mm height, low profile
- Optimum heat resistant material for surface mount

## Specifications

- Current rating: 0.2A 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/50m  $\Omega$  max.  
After environmental testing/50m  $\Omega$  max.  
(variation from initial value)
- Insulation resistance: 50M  $\Omega$  min.
- Withstanding voltage: 200V AC/minute
- Applicable FPC: Conductor pitch/0.3mm  
<0.6mm pitch staggered>  
Conductor width/0.3mm  
Mating part thickness/0.2±0.03mm

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

\* Compliant with RoHS.

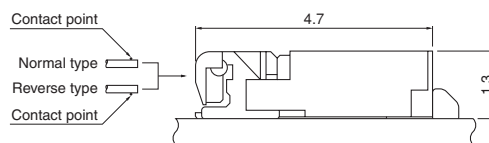
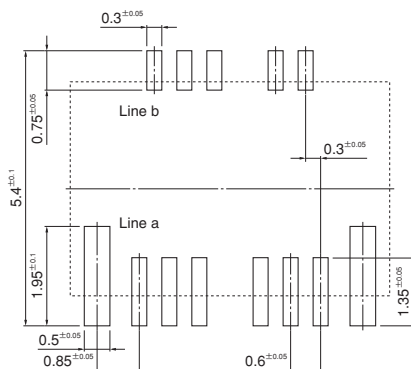
\* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.

\* Contact JST for details.

## Standards

Recognized E60389

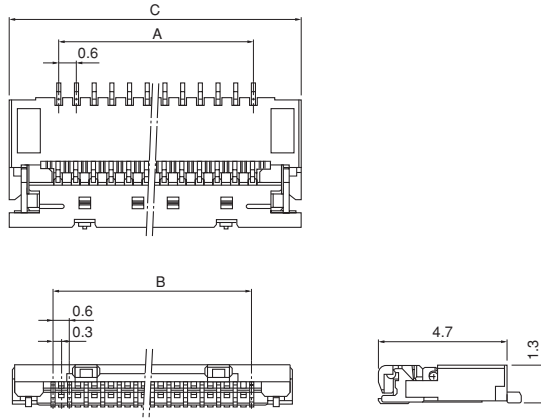
## PC board layout (viewed from component side) and Assembly layout



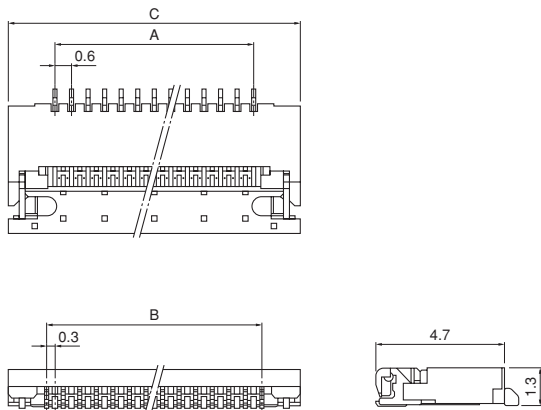
*Note: 1. Tolerances are non-cumulative: ±0.05mm for all centers.  
2. The dimensions above should serve as a guideline. Contact JST for details.*

## Connector

### Normal type



### Reverse type



Circuits	Model No.	Dimensions (mm)			Q'ty / reel
		A	B	C	
19	<b>19FXL-SM1-S-H-TB</b>	4.8	5.4	8.2	3,000
33	<b>33FXL-SM1-S-H-TB</b>	9.0	9.6	12.4	3,000

#### Material and Finish

Contact: Copper alloy, copper-undercoated, tin-plated (reflow treatment)  
Housing: LCP, UL94V-0  
Cover housing: LCP, UL94V-0  
Solder tab: Copper alloy, copper-undercoated, tin-plated (reflow treatment)  
Frame pin: SUS

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

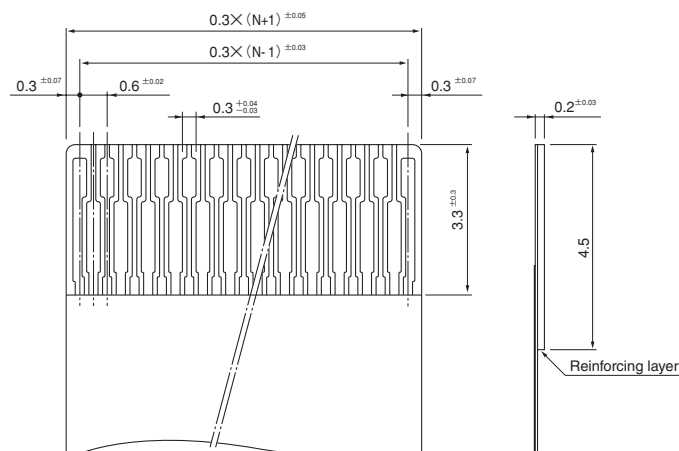
Circuits	Model No.	Dimensions (mm)			Q'ty / reel
		A	B	C	
11	<b>11FXL-RSM1-S-H-TB</b>	2.4	3.0	5.8	3,000
15	<b>15FXL-RSM1-S-H-TB</b>	3.6	4.2	7.0	3,000
17	<b>17FXL-RSM1-S-H-TB</b>	4.2	4.8	7.6	3,000
19	<b>19FXL-RSM1-S-H-TB</b>	4.8	5.4	8.2	3,000
21	<b>21FXL-RSM1-S-H-TB</b>	5.4	6.0	8.8	3,000
23	<b>23FXL-RSM1-S-H-TB</b>	6.0	6.6	9.4	3,000
25	<b>25FXL-RSM1-S-H-TB</b>	6.6	7.2	10.0	3,000
27	<b>27FXL-RSM1-S-H-TB</b>	7.2	7.8	10.6	3,000
29	<b>29FXL-RSM1-S-H-TB</b>	7.8	8.4	11.2	3,000
31	<b>31FXL-RSM1-S-H-TB</b>	8.4	9.0	11.8	3,000
33	<b>33FXL-RSM1-S-H-TB</b>	9.0	9.6	12.4	3,000
39	<b>39FXL-RSM1-S-H-TB</b>	10.8	11.4	14.2	3,000
51	<b>51FXL-RSM1-S-H-G-TB</b>	14.4	15.0	17.8	3,000
57	<b>57FXL-RSM1-S-H-G-TB</b>	16.2	16.8	19.6	3,000

#### Material and Finish

Contact: Copper alloy, copper-undercoated, tin-plated (reflow treatment)  
Copper alloy, nickel-undercoated, gold-plated (51, 57 circuits)  
Housing: LCP, UL94V-0  
Cover housing: LCP, UL94V-0  
Solder tab: Copper alloy, copper-undercoated, tin-plated (reflow treatment)  
Reinforcement pin: KOVAR or SUS  
Rotary pin: KOVAR or SUS

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

## Lead section dimensions of FPC



Note: N--Number of circuits