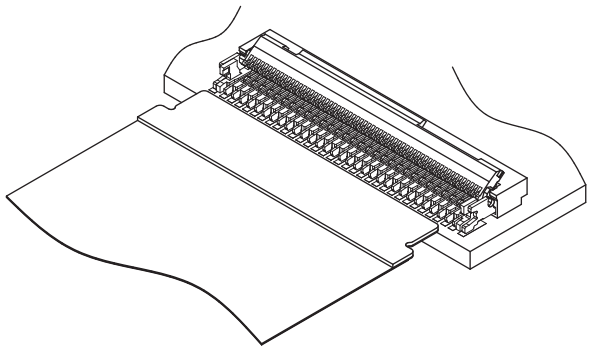


FVXS CONNECTOR

0.2 mm pitch/Board-to-FPC connector/ZIF type



This 0.2 mm pitch FPC connector is ideal for high-density internal connections found in mobile devices such as smartphones, which are becoming increasingly compact and multifunctional.
Precise positioning of the contact points with the FPC is facilitated by the use of FPC guides fitted at both ends of the socket housing. Furthermore, the design ensures that any irregular external forces caused by the routing of the FPC, for example, are absorbed by the socket housing and reinforcement tabs, thereby minimizing the risk of mechanical damage to the contact points.

■ Specifications

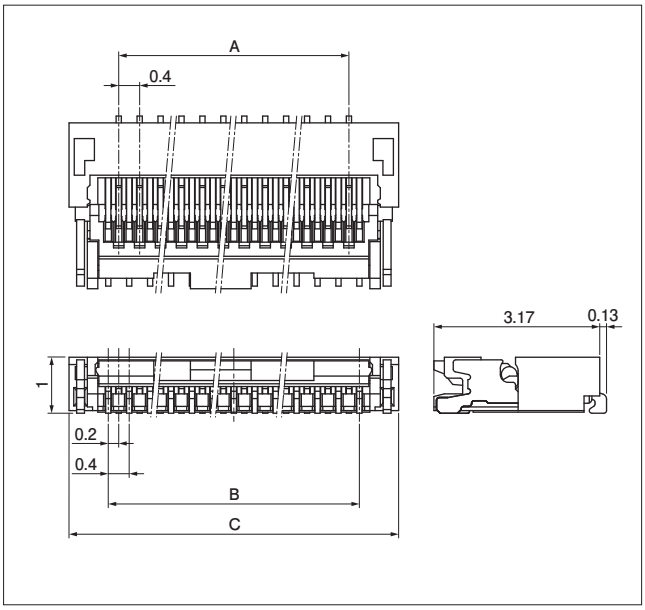
- Current rating: 0.2 A AC/DC
- Voltage rating: 50 V AC/DC
- Temperature range: −25 ℃ to +85 ℃
  (including temperature rise in applying electrical current)
- Contact resistance: Initial value/ 60 mΩ max.
  After test/ 60 mΩ max.
  (Variation from initial value)
- Insulation resistance: 50 MΩ min.
- Withstanding voltage:
  There shall be no breakdown or flashover while applying 200 V AC for one minute.
- Applicable FPC :
  Conductor pitch/ 0.2 mm (0.4 mm Staggered layout)
  Conductor width/ 0.2 mm
  Thickness of contact area/ 0.2 ± 0.03 mm

* Please refer to the "Handling Precautions for Terminals and Connectors" on our website (listed in the “Technical Documents” column on the Product Information page) before use.
* RoHS2 compliance
* Dimensional unit: mm
* Contact JST for details.

■ Standards

For information on overseas standard registrations, please refer to the "List of Registered Overseas Standards" on our website (listed in the “Technical Documents” column on the Product Information page).
* Specifications registered to overseas standards may differ from the general specifications listed above.

Connector

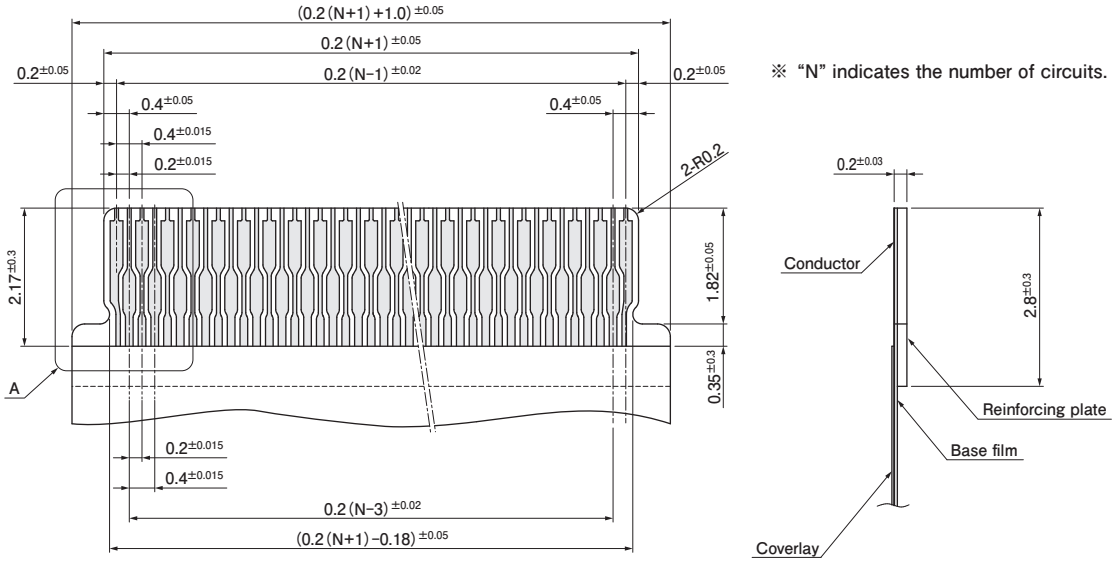


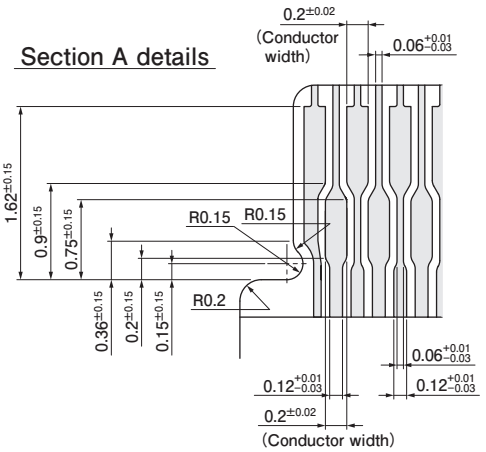
No. of circuits	Model No.	Dimensions (mm)			Q'ty/ reel
		A	B	C	
61	**61FVXS-RSM1-GAN-TF**	11.6	12.0	13.5	5,000

Material and Surface finish, etc.
Socket housing: LCP, natural Cover housing: PA (Heat resistance), black Contact: Copper alloy, selective gold-plated Reinforcement: Copper alloy, tin-plated

Note: 1. This product displays (LF)(SN)(1) on a label.
2. This product is supplied on embossed tape and reel packaging.
3. For flame retardant grade of resin material used, please refer to the "List of Registered Overseas Standards" on our website (listed in the "Technical Documents" column on the Product Information page).

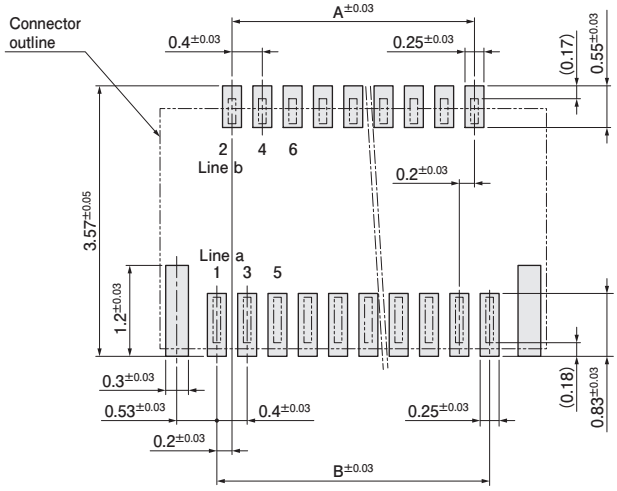
FPC recommended dimensions

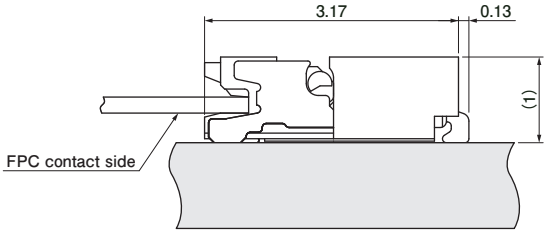




JST

PC board layout and Assembly layout





Note: 1. The PC board layout figure shown is viewed from the connector mounting surface.
2. Dimensions A and B: See the "Connector" section on page 2.
3. Tolerance for the PCB pattern pitch shall be ± 0.03, and shall not accumulate more than ± 0.03.
4. The above dimensions are for reference only. Please contact JST for further details.