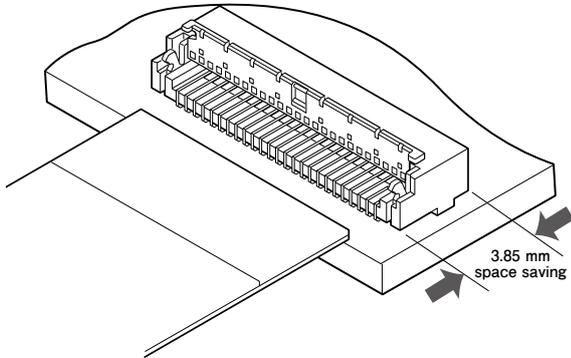


# FXS CONNECTOR

0.3 mm pitch / Connectors for PC board / For FPC, ZIF type



This is a space-saving flip-lock type connector with a height of 1.8 mm and a depth of 3.85 mm, emphasizing space-saving in the mating direction.

- Reduced mounting surface area
- Rotating cover structure
- Reinforced locking structure

## Specifications

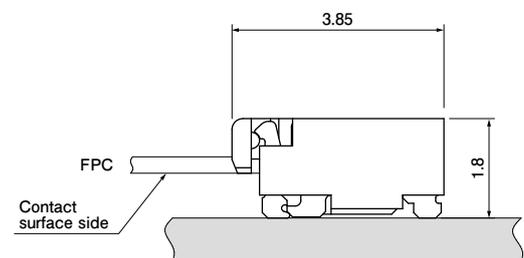
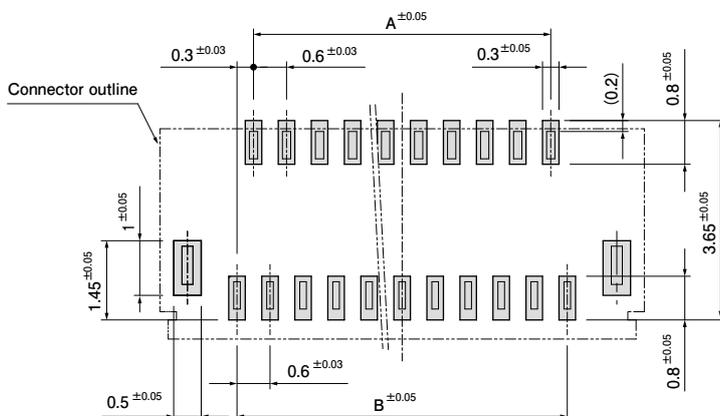
- Current rating: 0.2 A AC/DC
- Voltage rating: 50 V AC/DC
- Temperature range: -25°C to +85°C  
(including temperature rise in applying electrical current)
- Contact resistance: Initial value/50 mΩ max.  
After environmental tests/50 mΩ max.  
(variation from initial value)
- Insulation resistance: 50 MΩ min.
- Withstanding voltage: There shall be no breakdown or flashover while applying 200 VAC for one minute.
- Applicable FPC: Conductor pitch/0.3 mm  
<0.6 mm pitch staggered>  
Conductor width/0.3 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).

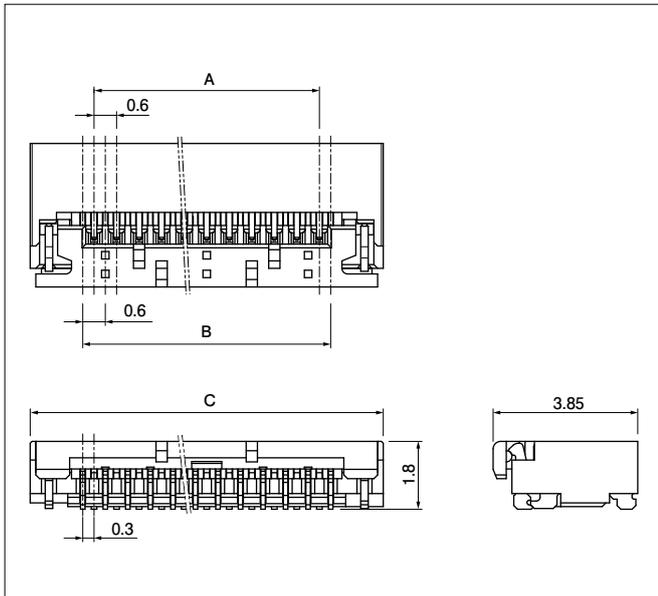
※ Specifications registered to overseas standards may differ from the general specifications listed above.

## PC board layout and Assembly layout



- Note 1) The PC board layout figure shown is viewed from the connector mounting surface.  
2) Tolerance for the PCB pattern pitch shall be ± 0.03 and shall not accumulate.  
The above dimensions are reference values. Please contact JST for details.

## Connector



### Gold-plated products

No. of circuits	Model No.	Dimensions (mm)			Q'ty/reel
		A	B	C	
21	21FXS-RSM1-GAN-TF (B)	5.4	6.0	8.8	2,500
25	25FXS-RSM1-GAN-TF (B)	6.6	7.2	10.0	2,500
33	33FXS-RSM1-GAN-TF (B)	9.0	9.6	12.4	2,500
51	51FXS-RSM1-GAN-TF (B)	14.4	15.0	17.8	2,500

### Material and Surface finish, etc.

Contact: Copper alloy, nickel-undercoated, selective gold-plated  
Housing: Heat resisting resin  
Reinforcement: Copper alloy, copper-undercoated, tin-plated  
Cover: Heat resisting resin

Note: Contact JST for tin-plated products.

## Dimensions of FPC lead section

