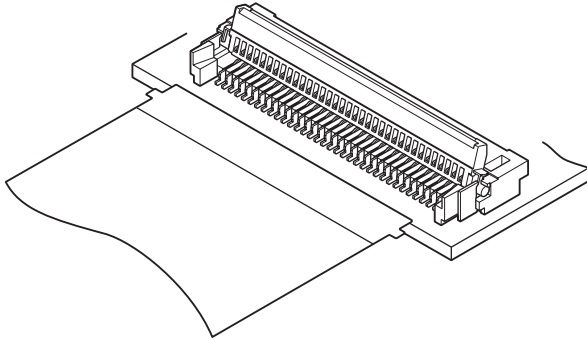




# FXM CONNECTOR

0.3mm pitch/Connectors for FPC



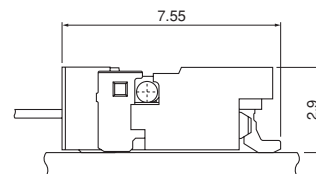
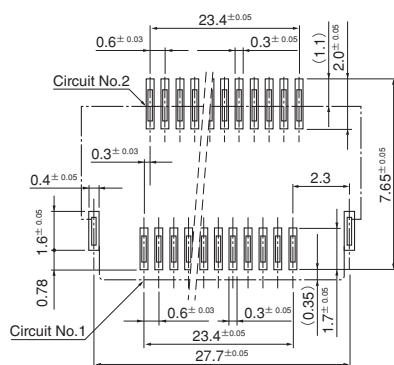
**A substantial size for the 0.3mm pitch connector ensures easy handling. Moreover, since this connector accepts a FPC with protrusion providing secure as well as foolproof mating at the customers production line.**

- **Double ZIF structure**
- **Self-lock mechanism enables the cover to close by one-touch operation**
- **A FPC with protrusion improves operability and reliability**

## 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/80m Ω max.  
After environmental testing/50m Ω max.  
(variation from initial value)
- Insulation resistance: 50M Ω min.
- Withstanding voltage: 200V AC/minute
- Applicable FPC: Conductor pitch/0.3mm  
<0.6mm pitch staggered>  
Conductor width/0.3mm  
Mating part thickness/0.3±0.05mm
- \* Compliant with RoHS.
- \* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
- \* Contact JST for details.

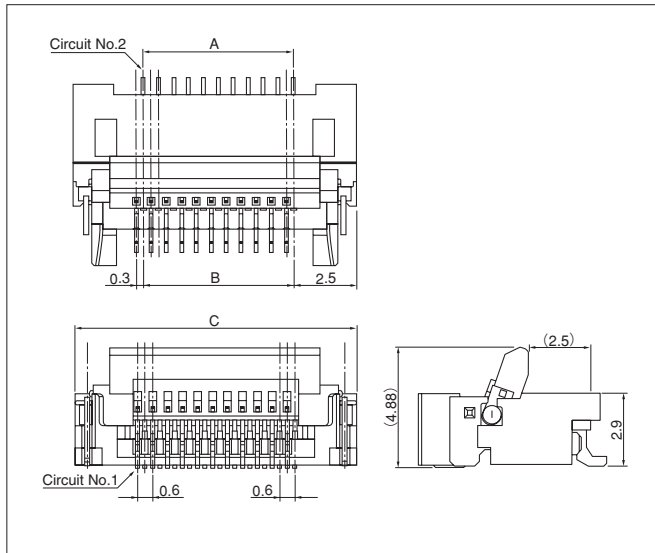
## PC board layout (viewed from component side) and Assembly layout



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

# FXM CONNECTOR

## Connector



Circuits	Model No.	Dimensions (mm)			Q'ty / reel
		A	B	C	
80	<b>80FXM-RSM1-G-1-TB</b>	23.4	23.4	28.7	1,500

### Material and Finish

Contact: Copper alloy, nickel-undercoated, gold-plated

Cover: PPS, UL94V-0

Housing: LCP, UL94V-0

Solder tab: Copper alloy, copper-undercoated, tin-plated (reflow treatment)

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

## Lead section dimensions of FPC

