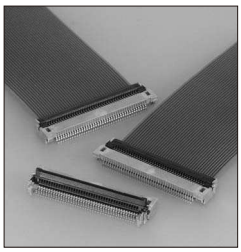
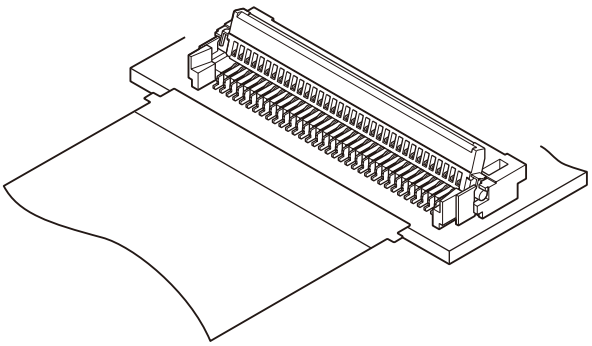


FXM CONNECTOR

Emboss Tape

ZIF TYPE

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.

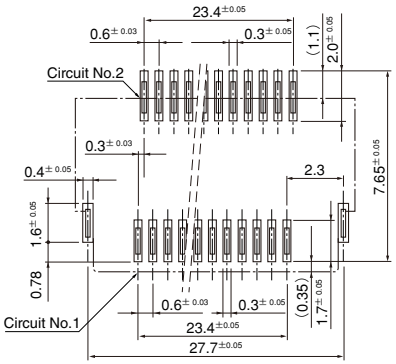
- ***Double ZIF structure***
- ***Self-lock mechanism enables the cover to close by one-touch operation***
- ***A FPC with protrusion improves operability and reliability***

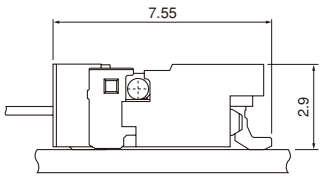
Specifications

- 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.

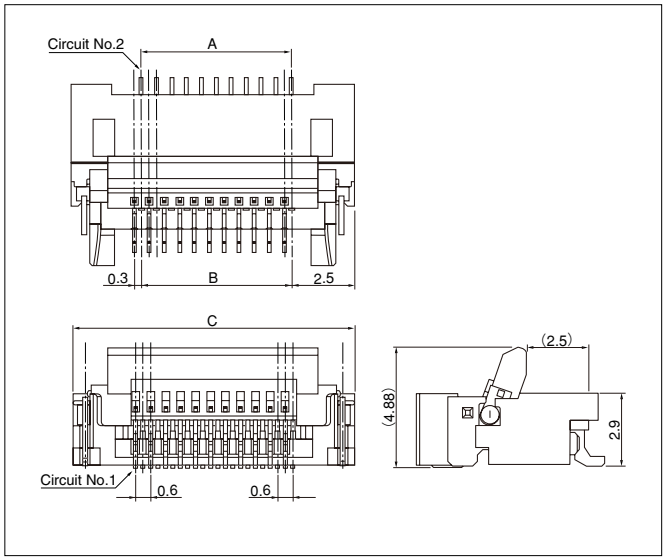
PC board layout (viewed from component side) and Assembly layout





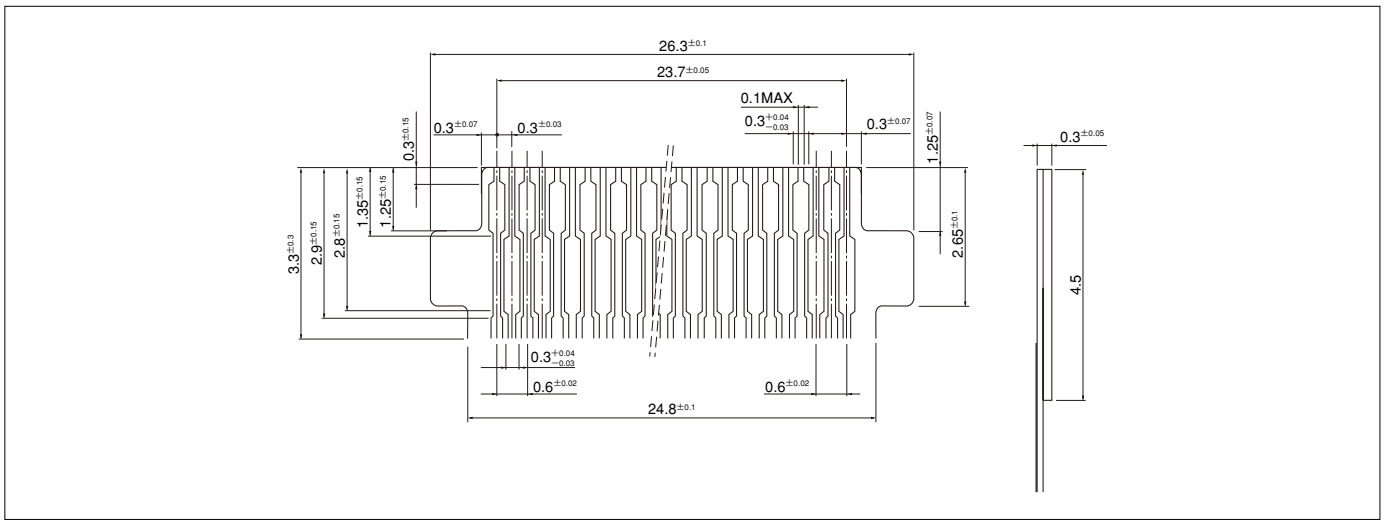
Note: 1. Tolerances are non-cumulative: ±0.05mm for all centers.
2. The dimensions above should serve as a guideline. Contact JST for details.

Connector



Circuits	Model No.	Dimensions (mm)			Q'ty / reel
		A	B	C	
80	**80FXM-RSM1-G-1-TB**	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