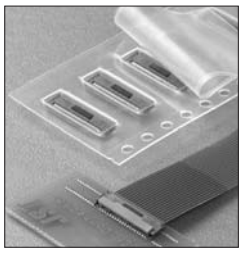
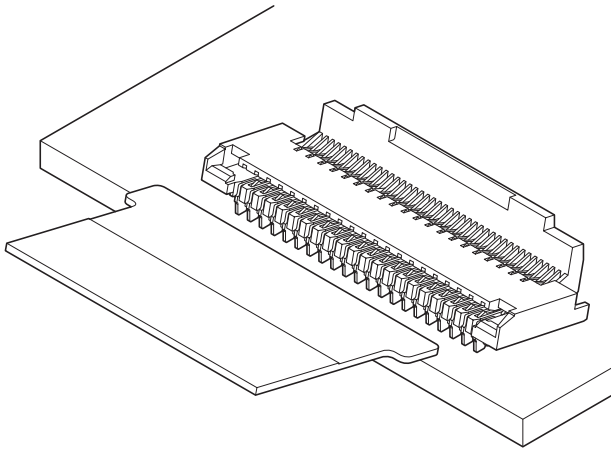


FVCM CONNECTOR

Emboss Tape

ZIF TYPE

0.2mm pitch/Connectors for FPC



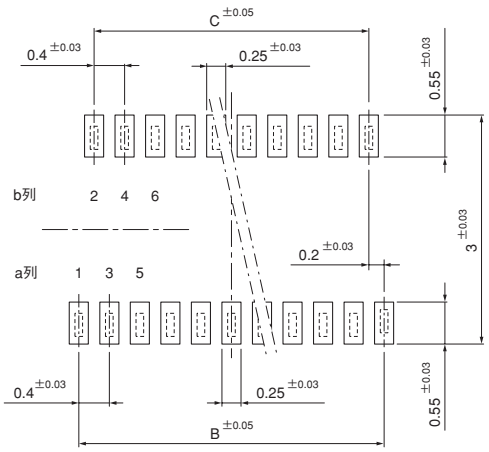
This FVCM connector is the first mid-flip type 0.2 mm pitch connector for FPC in the connector industry.
It is designed for the use of multipolarization, operability and both upper and lower contacts. Moreover, it inherits from tilt type, and it improves the freedom of design for placing at the PC board dramatically.

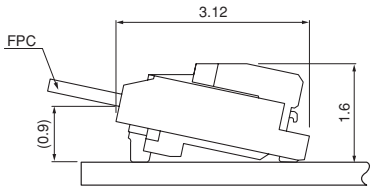
Specifications

- 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/ 110 mΩ max.
  After environmental tests/ 100 mΩ max.
  (variation from initial value)
- Insulation resistance: 50 MΩ min.
- Withstanding voltage: 200 VAC/minute
- Applicable FPC: Conductor pitch/ 0.2 mm
  Conductor width/ 0.2 mm
  Mating part thickness/ 0.2 ± 0.03 mm

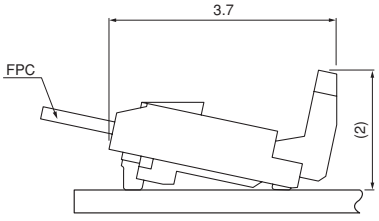
* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
* Contact JST for details.
* Compliant with RoHS.

PC board layout and Assembly layout





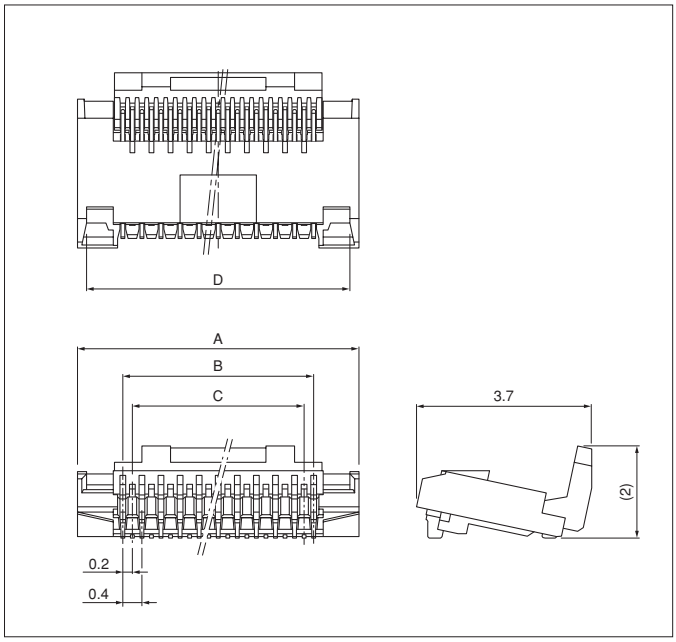
Actuator close



Actuator open

Note: 1. The above figure is the figure viewed from the connector mounting side.
2. Tolerances are non-cumulative: ±0.05 mm for all centers.
The dimensions above should serve as a guideline. Contact JST for details.

Connector

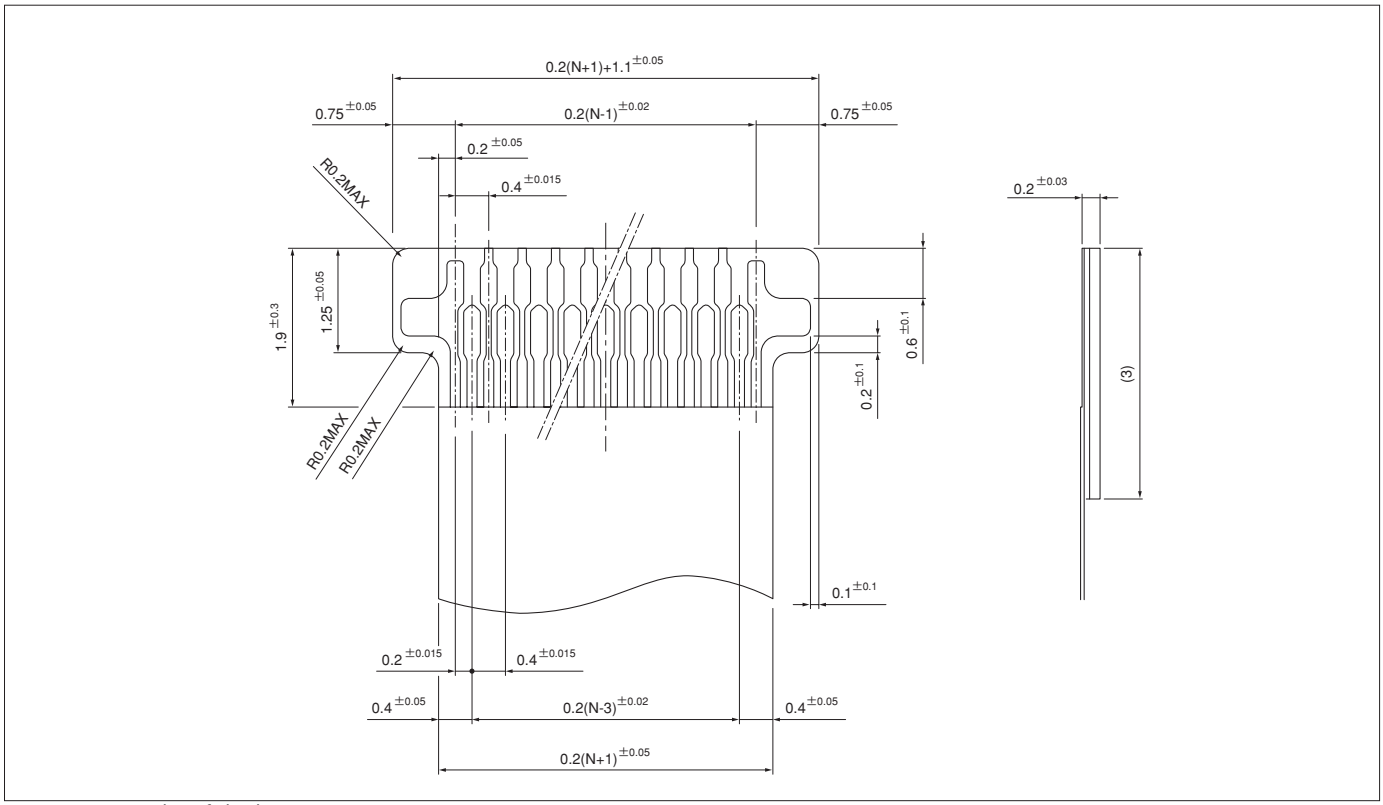


Circuits	Model No.	Dimensions (mm)				Q'ty/ reel
		A	B	C	D	
41	**41FVCM-SM1-GAN-TF**	9.9	8.0	7.6	9.5	3,800

Material and Finish
Contact: Copper alloy, nickel-undercoated, gold-plated (nickel-stripe) Housing: Heat resisting resin, UL94V-0, black Actuator: Heat resisting resin, UL94HB, gray

RoHS compliance *This product displays (HF) on a label.*
Note: These products listed above are supplied on embossed-tape.

Lead section dimensions of FPC



Note: 1. N --- Number of circuits
2. Contact JST for details.