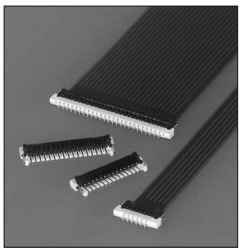
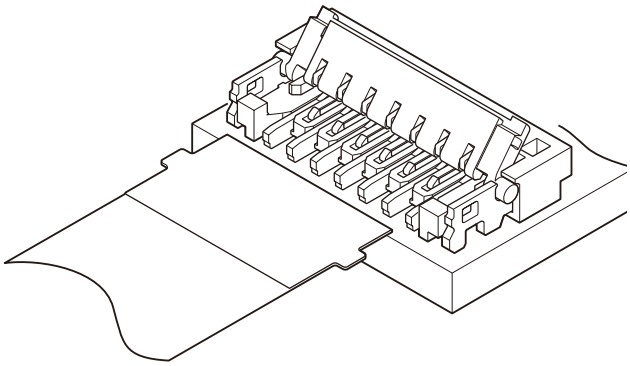


FXV CONNECTOR

Emboss Tape

ZIF TYPE

0.3mm pitch/Connectors for FPC



The FXV connector is a market require space saving and low profile 0.3mm pitch connector, and designed for corresponding to FPC with protrusions. As FPC with protrusions is used for this FXV connector, easy insertion operation, protection of incomplete insertion and miss-insertion are realized.

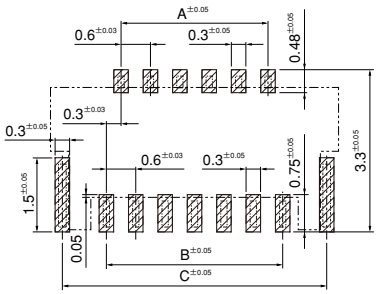
- ***Double ZIF design for easy insertion operation of FPC***
- ***Self-lock cover design***
- ***Low profile and space saving***
- ***FPC with protrusions***

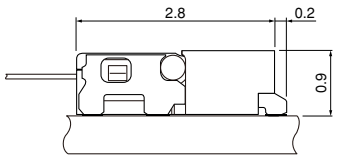
Specifications

- 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/60m Ω max.
  After environmental testing/60m Ω max.
  (variation from initial value)
- Insulation resistance: 50M Ω min.
- Withstanding voltage: 200V AC/minute
- Applicable FPC: Conductor pitch/0.3mm
  Conductor width/0.3mm
  Mating part thickness/0.2±0.03mm

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

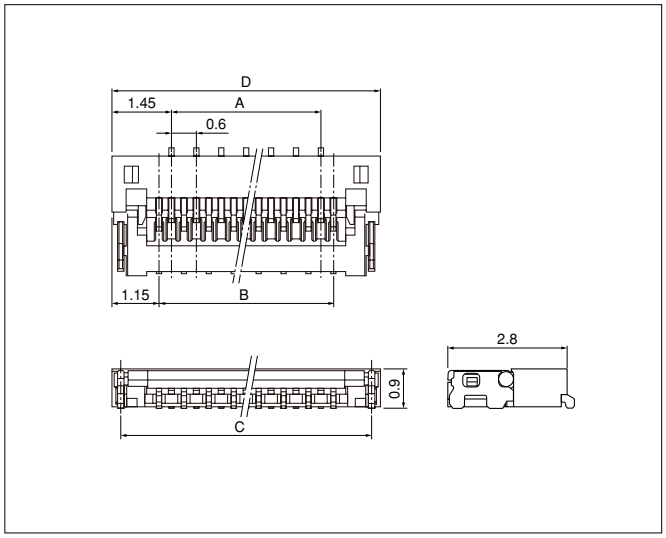
PC board layout (viewed from component side) and Assembly layout





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

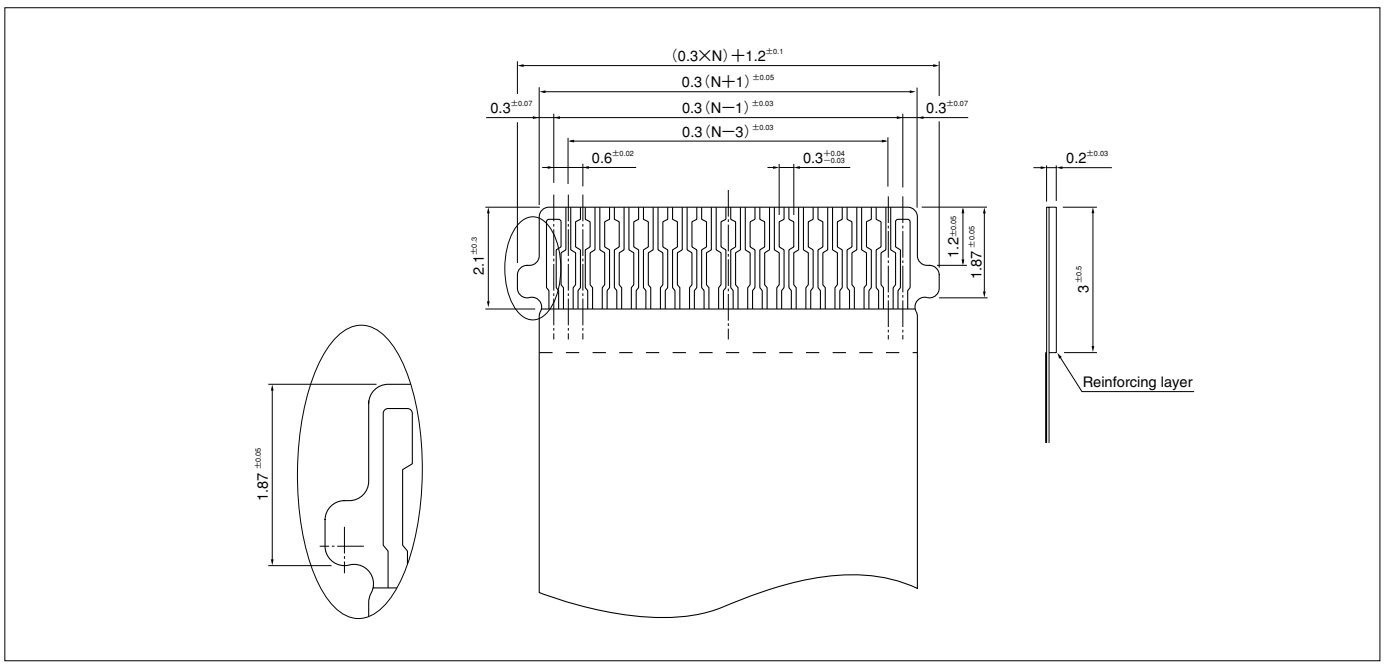


Circuits	Model No.	Dimensions (mm)				Q'ty / reel
		A	B	C	D	
11	**11FXV-RSM1-GAN-ETF**	2.4	3.0	4.82	5.3	5,000
13	**13FXV-RSM1-GAN-ETF**	3.0	3.6	5.42	5.9	5,000
15	**15FXV-RSM1-GAN-ETF**	3.6	4.2	6.02	6.5	5,000
17	**17FXV-RSM1-GAN-ETF**	4.2	4.8	6.62	7.1	5,000
21	**21FXV-RSM1-GAN-ETF**	5.4	6.0	7.82	8.3	5,000
25	**25FXV-RSM1-GAN-ETF**	6.6	7.2	9.02	9.5	5,000
27	**27FXV-RSM1-GAN-ETF**	7.2	7.8	9.62	10.1	5,000
29	**29FXV-RSM1-GAN-ETF**	7.8	8.4	10.22	10.7	5,000
31	**31FXV-RSM1-GAN-ETF**	8.4	9.0	10.82	11.3	5,000
33	**33FXV-RSM1-GAN-ETF**	9.0	9.6	11.42	11.9	5,000
35	**35FXV-RSM1-GAN-ETF**	9.6	10.2	12.02	12.5	5,000
37	**37FXV-RSM1-GAN-ETF**	10.2	10.8	12.62	13.1	5,000
39	**39FXV-RSM1-GAN-ETF**	10.8	11.4	13.22	13.7	5,000
43	**43FXV-RSM1-GAN-ETF**	12.0	12.6	14.42	14.9	5,000
51	**51FXV-RSM1-GAN-ETF**	14.4	15.0	16.82	17.3	5,000

Material and Finish
Contact: Copper alloy, nickel-undercoated, gold-plated (nickel-stripe)
Housing: Heat resisting resin, UL94V-0
Solder tab: Copper alloy, copper-undercoated, tin-plated (reflow treatment)
Cover: Heat resisting resin, UL94V-0

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

Lead section dimensions of FPC



Note: N --- Number of circuits