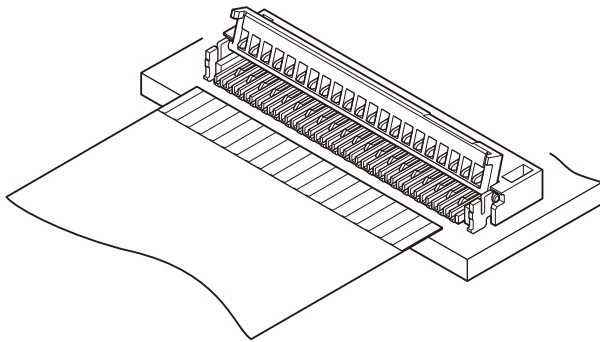


# FXZ CONNECTOR

0.3mm pitch/Connectors for FPC



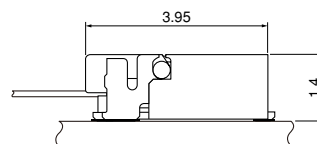
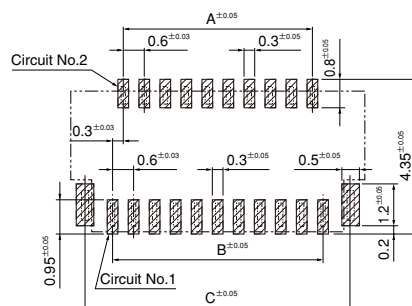
***This connector realizes space saving and low profile features demanded by the market, and it provides excellent operability. Various number of circuits can be available.***

- ***Double ZIF design for easy insertion operation of FPC***
- ***Self-lock mechanism enables the cover to close by 'one-touch' operation***
- ***Versatile number of circuit***

## 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.

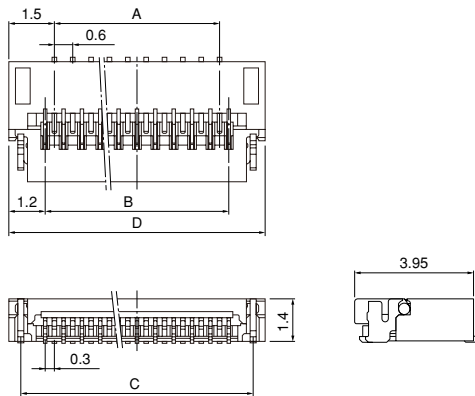
## PC board layout (viewed from component side) and Assembly layout



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

# FXZ CONNECTOR

## Connector



| Circuits | Model No.          | Dimensions (mm) |      |      |      | Q'ty / reel |
|----------|--------------------|-----------------|------|------|------|-------------|
|          |                    | A               | B    | C    | D    |             |
| 15       | 15FXZ-RSM1-GAN-ETF | 3.6             | 4.2  | 5.8  | 6.6  | 2,500       |
| 17       | 17FXZ-RSM1-GAN-ETF | 4.2             | 4.8  | 6.4  | 7.2  | 2,500       |
| 23       | 23FXZ-RSM1-GAN-ETF | 6.0             | 6.6  | 8.2  | 9.0  | 2,500       |
| 25       | 25FXZ-RSM1-GAN-ETF | 6.6             | 7.2  | 8.8  | 9.6  | 2,500       |
| 29       | 29FXZ-RSM1-GAN-ETF | 7.8             | 8.4  | 10.0 | 10.8 | 2,500       |
| 31       | 31FXZ-RSM1-GAN-ETF | 8.4             | 9.0  | 10.6 | 11.4 | 2,500       |
| 35       | 35FXZ-RSM1-GAN-ETF | 9.6             | 10.2 | 11.8 | 12.6 | 2,500       |
| 39       | 39FXZ-RSM1-GAN-ETF | 10.8            | 11.4 | 13.0 | 13.8 | 2,500       |
| 51       | 51FXZ-RSM1-GAN-ETF | 14.4            | 15.0 | 16.6 | 17.4 | 2,500       |
| 53       | 53FXZ-RSM1-GAN-ETF | 15.0            | 15.6 | 17.2 | 18.0 | 2,500       |
| 61       | 61FXZ-RSM1-GAN-ETF | 17.4            | 18.0 | 19.6 | 20.4 | 2,500       |
| 73       | 73FXZ-RSM1-GAN-ETF | 21.0            | 21.6 | 23.2 | 24.0 | 2,500       |

### 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)

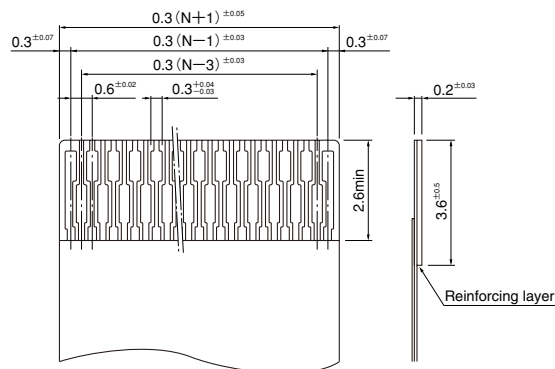
Cover: Heat resisting resin, UL94V-0

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

Note: 1. This products listed above are supplied on embossed-tape.

2. Contact JST for tin-plated products.

## Lead section dimensions of FPC



Note: N --- Number of circuits

# Mouser Electronics

Authorized Distributor

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