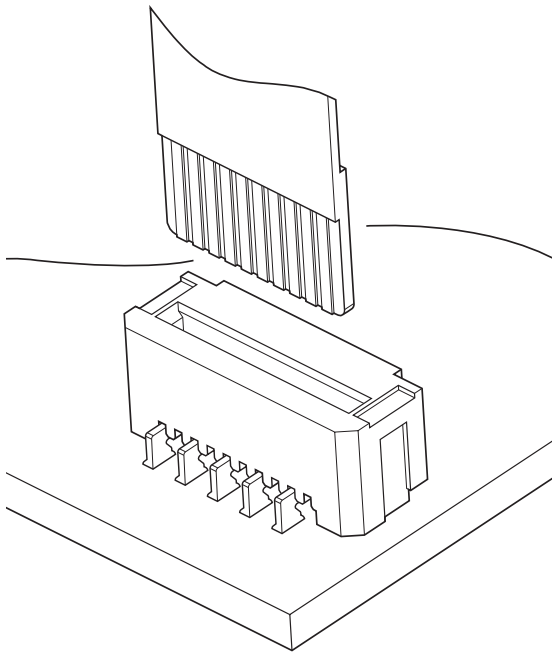


# FZC CONNECTOR

0.4mm pitch/Connectors for FPC



**This is low profile 0.4 mm pitch Non-ZIF top entry type connector with a mounting height of 2.5 mm.**

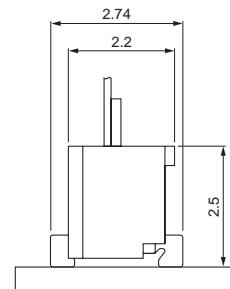
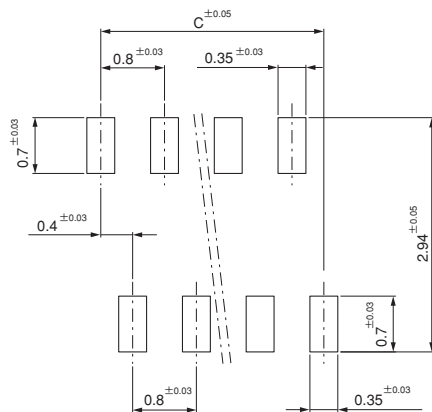
- Space saving type connector with 2.74 mm depth

## Specifications

- Current rating: 0.5 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/ 40 mΩ max.  
After environmental tests/ 30 mΩ max.  
(variation from initial value)
- Insulation resistance: 500 MΩ min.
- Withstanding voltage: 200 VAC/minute
- Applicable FPC: Conductor pitch/ 0.4 mm  
Conductor width/ 0.25 mm  
Mating part thickness/  $0.3 \pm 0.03$  mm

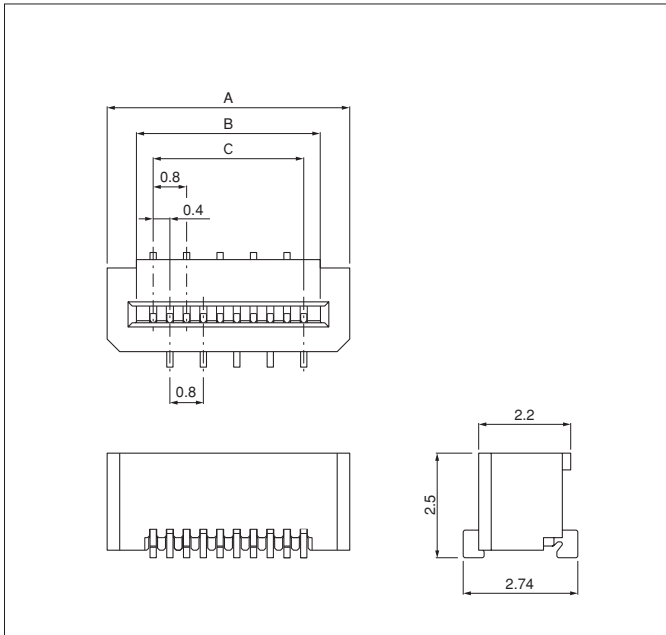
- \* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
- \* Contact JST for details.
- \* Compliant with RoHS.

## PC board layout and Assembly layout



# FZC CONNECTOR

## Connector



Circuits	Model No.	Dimensions (mm)			Q'ty/ reel
		A	B	C	
10	<b>10FZC-SM1-GAN-TB(HF)</b>	5.8	4.4	3.6	4,000
13	<b>13FZC-SM1-GAN-TB(HF)</b>	7.0	5.6	4.8	4,000
16	<b>16FZC-SM1-GAN-TB(HF)</b>	8.2	6.8	6.0	4,000
20	<b>20FZC-SM1-GAN-TB(HF)</b>	9.8	8.4	7.6	4,000

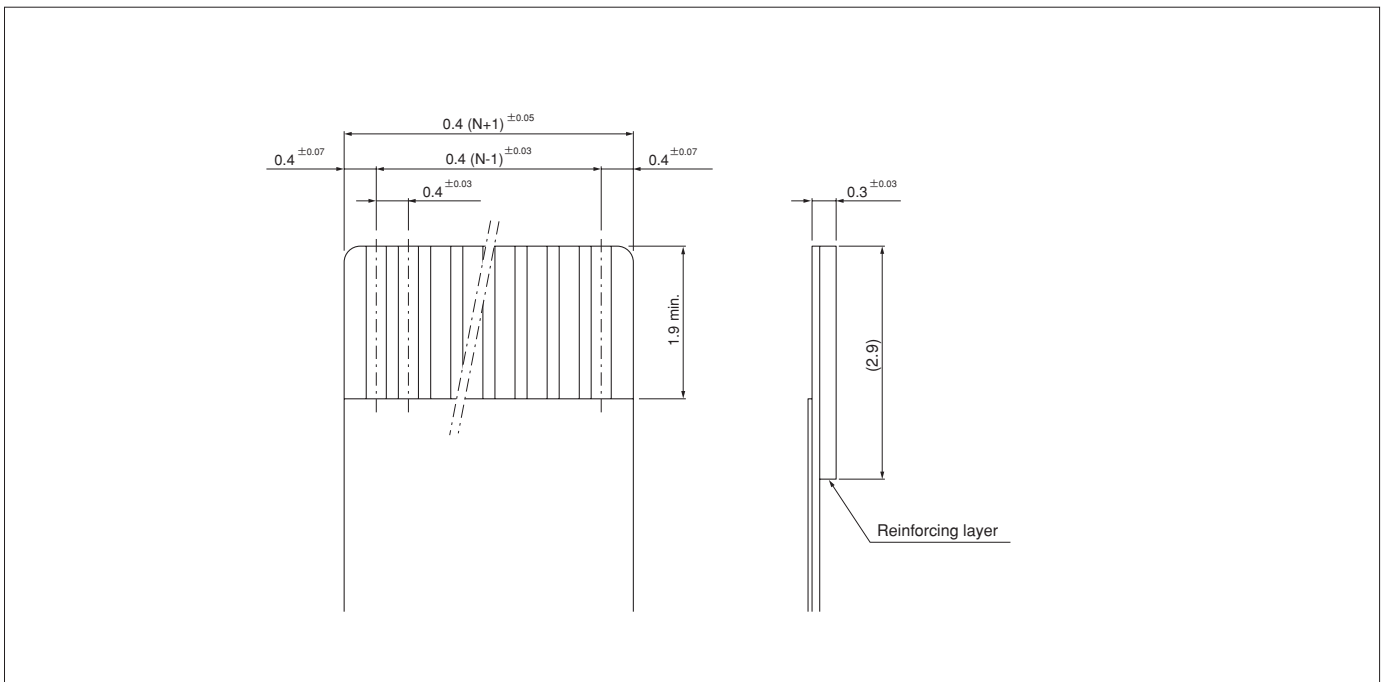
### Material and Finish

Contact: Copper alloy, nickel-undercoated, gold-plated  
Housing: Heat resisting resin, black

### RoHS compliance

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

## Lead section dimensions of FPC



Note: N --- Number of circuits