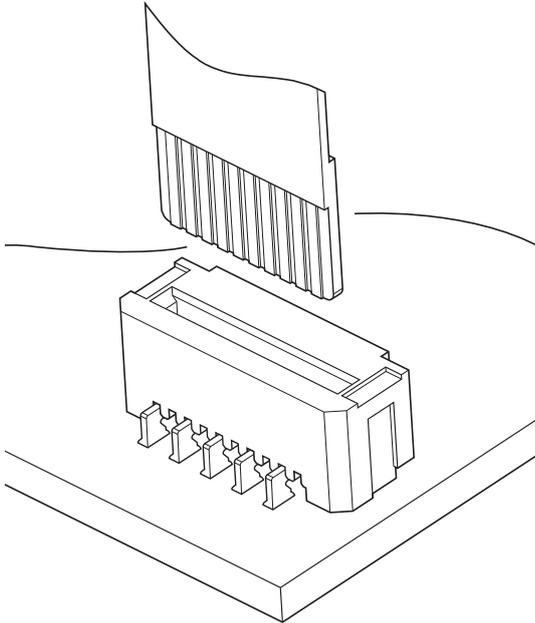


FZC CONNECTOR

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

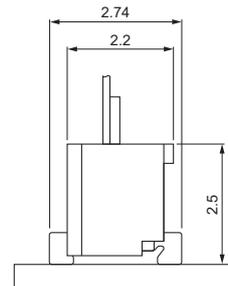
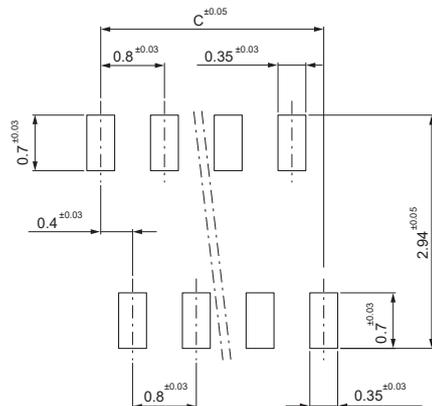
- Current rating: 0.5 A AC, DC
- Voltage rating: 50 V AC, DC
- Temperature range: -25°C to +85°C
(including temperature rise in applying electrical current)
- Contact resistance: Initial value/ 40 mΩ max.
After environmental tests/ 30 mΩ max.
(variation from initial value)
- Insulation resistance: 500 MΩ min.
- Withstanding voltage: 200 VAC/minute
- Applicable FPC: Conductor pitch/ 0.4 mm
Conductor width/ 0.25 mm
Mating part thickness/ 0.3 ± 0.03 mm

*In using the products, refer to "Handling Precaution for Terminal and Connector" described on our website (Technical documents of Product information page).

*Contact JST for details.

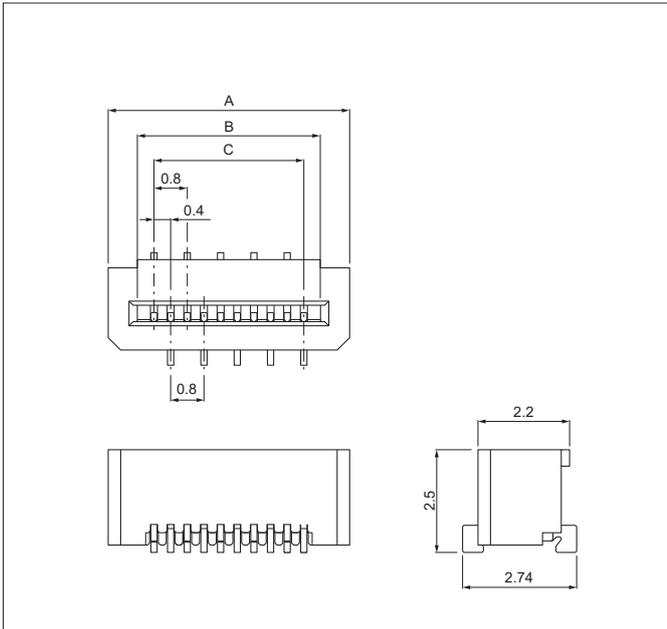
*RoHS2 compliance.

PC board layout and Assembly layout



FZC CONNECTOR

Connector



| Circuits | Model No. | Dimensions (mm) | | | Qty/ reel |
|----------|----------------------|-----------------|-----|-----|--------------|
| | | A | B | C | |
| 08 | 08FZC-SM1-GAN-TB(HF) | 5.0 | 3.6 | 2.8 | 4,000 |
| 10 | 10FZC-SM1-GAN-TB(HF) | 5.8 | 4.4 | 3.6 | 4,000 |
| 13 | 13FZC-SM1-GAN-TB(HF) | 7.0 | 5.6 | 4.8 | 4,000 |
| 16 | 16FZC-SM1-GAN-TB(HF) | 8.2 | 6.8 | 6.0 | 4,000 |
| 20 | 20FZC-SM1-GAN-TB(HF) | 9.8 | 8.4 | 7.6 | 4,000 |

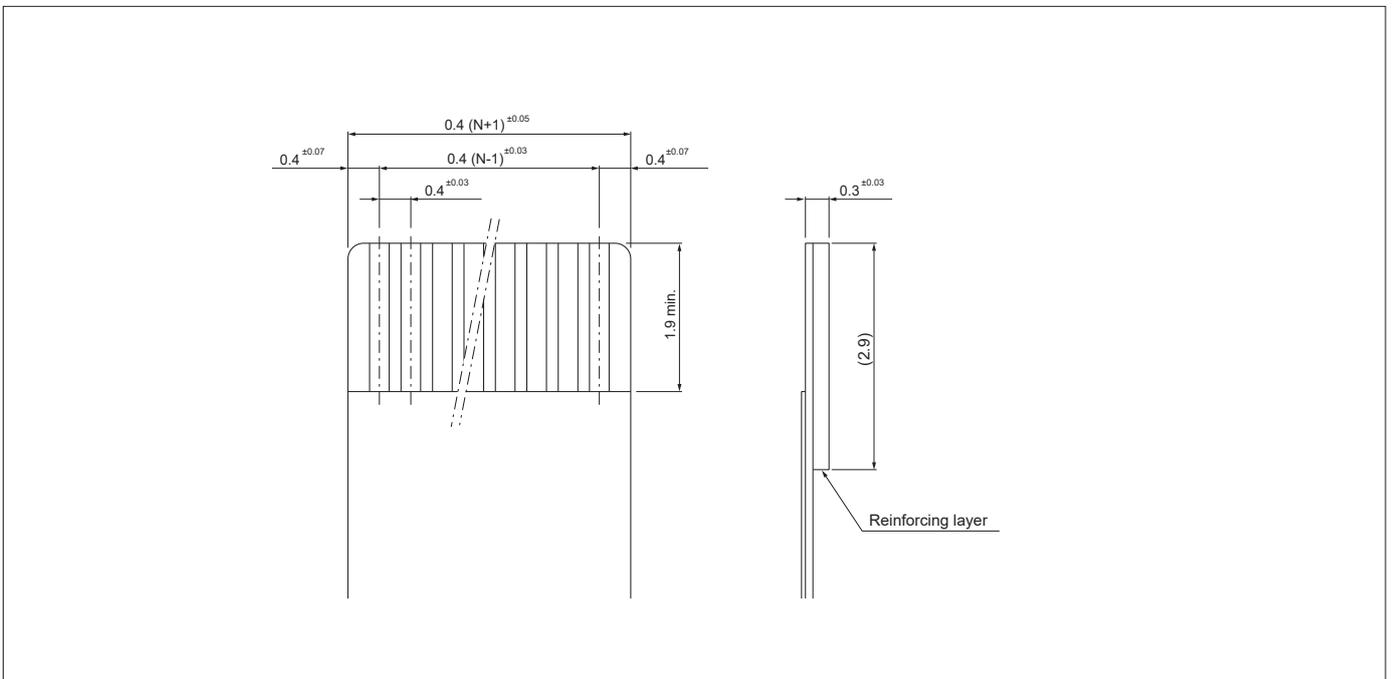
Material and Finish

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

RoHS2 compliance

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

Lead section dimensions of FPC



Note: N --- Number of circuits