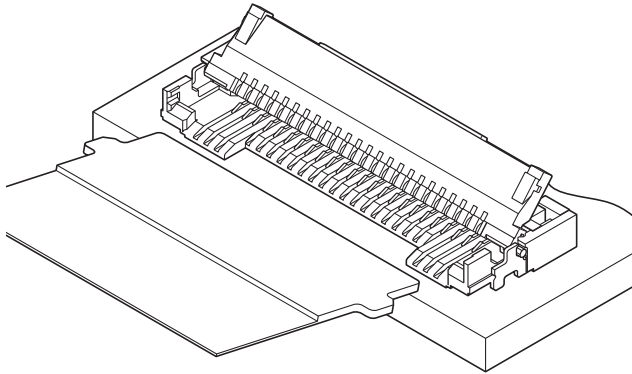


FHV CONNECTOR

0.5mm pitch/Connectors for FFC and FPC



This FHV connector has been developed as a renewal product of existing FLZX connector.

By optimizing the design, this product has realized compact and low profile, space saving and halogen-free.

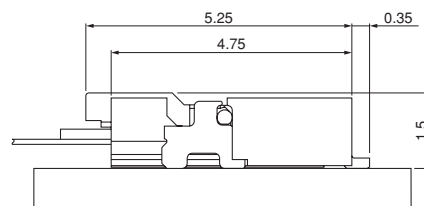
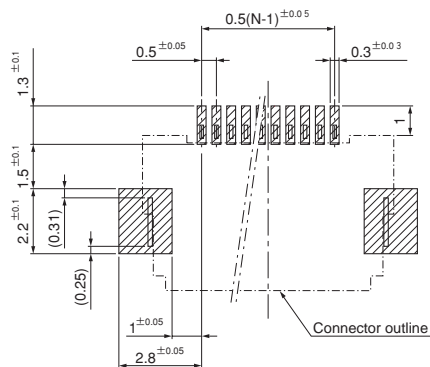
The mounting pattern on PCB is common with existing product (FLZX connector).

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/ 60 mΩ max.
- Insulation resistance: 800 MΩ min.
- Withstanding voltage: 200 VAC/minute
- Applicable FFC: Conductor pitch/ 0.5 mm
Conductor width/ 0.3 mm
Mating part thickness/ 0.3 ± 0.05 mm

- * Confirm the applicability the connector with the FPC used, before use.
- * 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

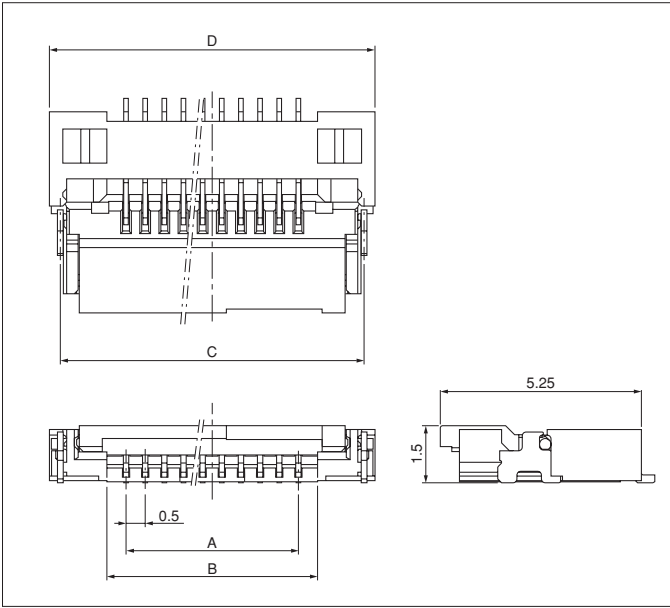


Note: 1. The above figure is the figure viewed from the connector mounting side.

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

FHV CONNECTOR

Connector



Circuits	Model No.	Dimensions (mm)				Q'ty/ reel
		A	B	C	D	
24	24FHV-RSM1-GAN-TB(HF)	11.5	12.5	14.93	15.5	4,000
40	40FHV-RSM1-GAN-TB(HF)	19.5	20.5	22.93	23.5	4,000

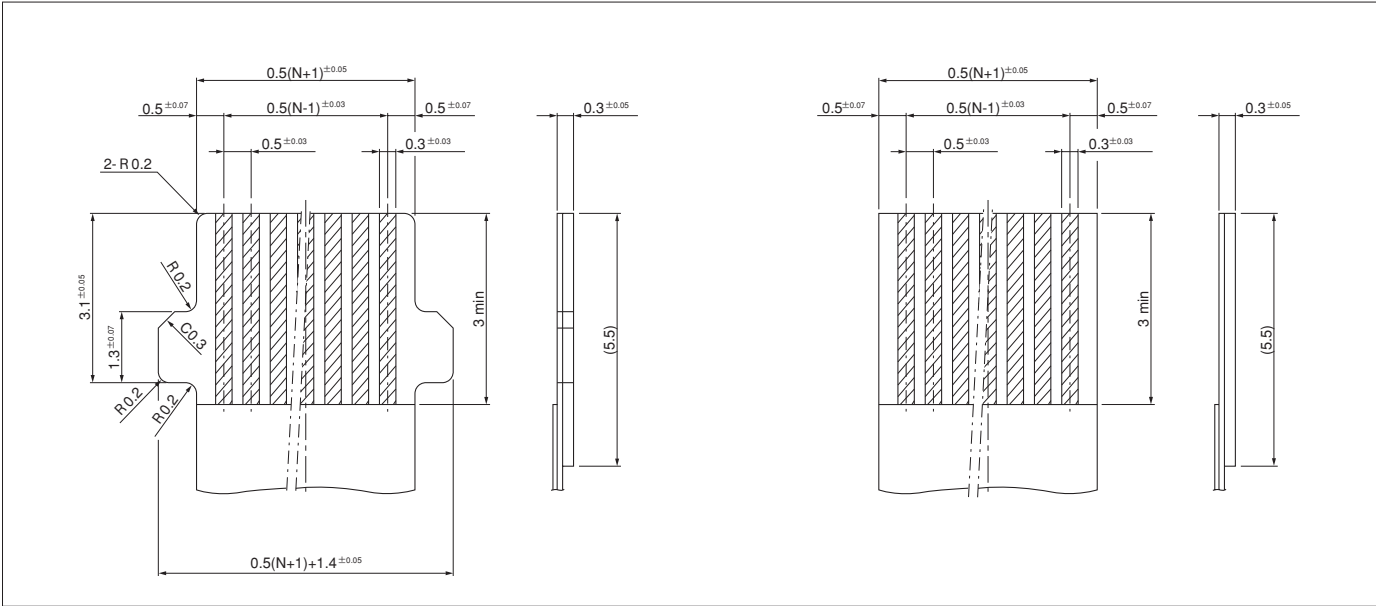
Material and Finish

Contact: Copper alloy, nickel-undercoated, gold-plated (nickel-stripe)
 Reinforcing tab: Copper alloy, copper-undercoated, tin-plated (reflow treatment)
 Socket housing: Heat resisting resin, UL94V-0
 Cover housing: Heat resisting resin, UL94V-0

RoHS compliance

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

Lead section dimensions of FFC



Note: N --- Number of circuits