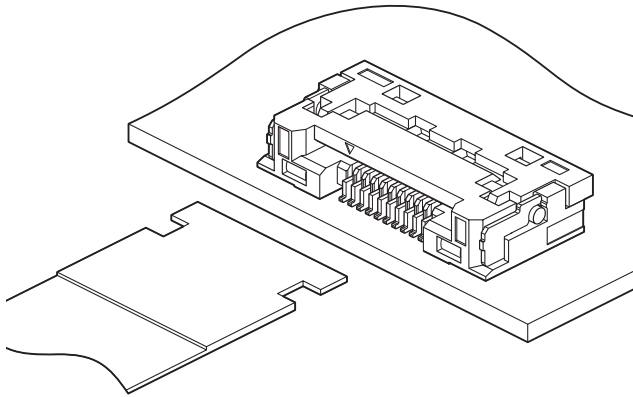


FHN CONNECTOR

0.5mm pitch/Connectors for FFC and FPC



Adopting the auto-locking mechanism which locks by one action when having FFC/FPC inserted into connector, insertion workability and reliability are much improved.

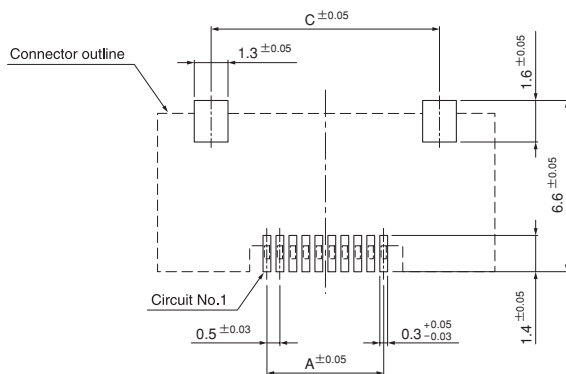
- Auto-locking mechanism that has secure and good workability
- Back flip mechanism that has superior operability of cover housing
- Operability similar to that of the conventional flip lock type when unlocking
- The structure that is strong enough to routing of FFC/FPC
- The insertion completion of FFC/FPC can be confirmed visually from the square hole of the connector upper surface.

Specifications

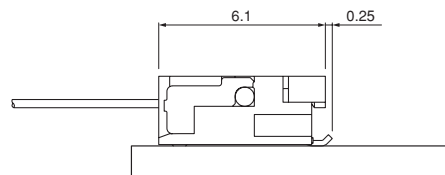
- Current rating: 0.5 A AC, DC
 - Voltage rating: 50 V AC, DC
 - Temperature range: -25°C to +85°C
(including temperature rise in applying electrical current)
 - Contact resistance: Initial value/ 50 mΩ max.
After environmental tests/ 100 mΩ max.
 - Insulation resistance: 500 MΩ min.
 - Withstanding voltage: 200 VAC/minute
 - Applicable FFC/FPC: Conductor pitch/ 0.5 mm
Conductor width/ 0.32 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

<8, 10 circuits>



(Mating side faces to this side)

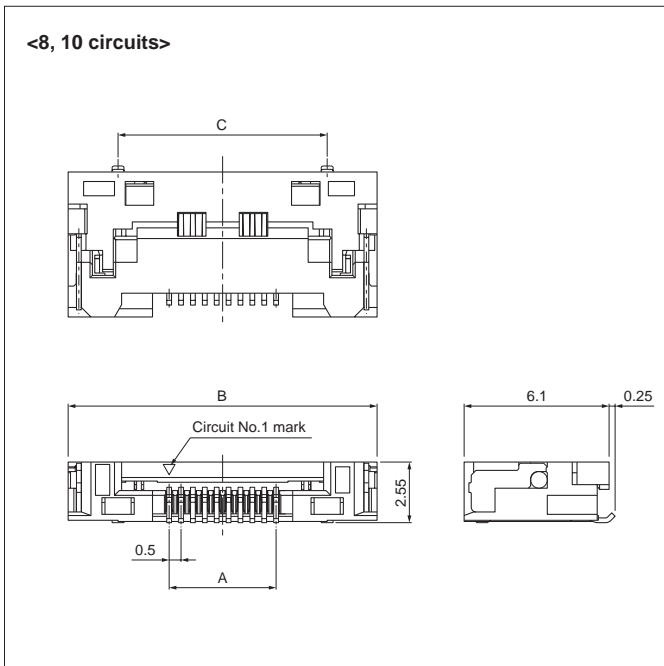


No. of circuits	Dimensions (mm)	
	A	C
8	3.5	7.8
10	4.5	8.8

Note: 1. The above figure is the figure viewed from the connector mounting side
2. Tolerance for the centers of pattern on PCB is ±0.03, and shall be not cumulative more than ±0.05.
The dimensions above should serve as a guideline. Contact JST for details.

FHN CONNECTOR

Connector



Tin-plated product

No. of circuits	Model No.	Dimensions (mm)			Qty/reel
		A	B	C	
10	10FHN-RSM1-A-T-TF	4.5	13.0	8.8	2,300

Material and Finish

Contact: Copper alloy, tin-plated
 Bearing parts: Copper alloy, tin-plated
 Lock parts: Copper alloy, tin-plated
 Socket housing: LCP, UL94V-0, black
 Cover housing: LCP, UL94V-0, black

RoHS2 compliance

Note: The product listed above is supplied on embossed-tape.

Gold-plated product

No. of circuits	Model No.	Dimensions (mm)			Qty/reel
		A	B	C	
8	08FHN-RSM1-A-GAN-TF	3.5	12.0	7.8	2,300

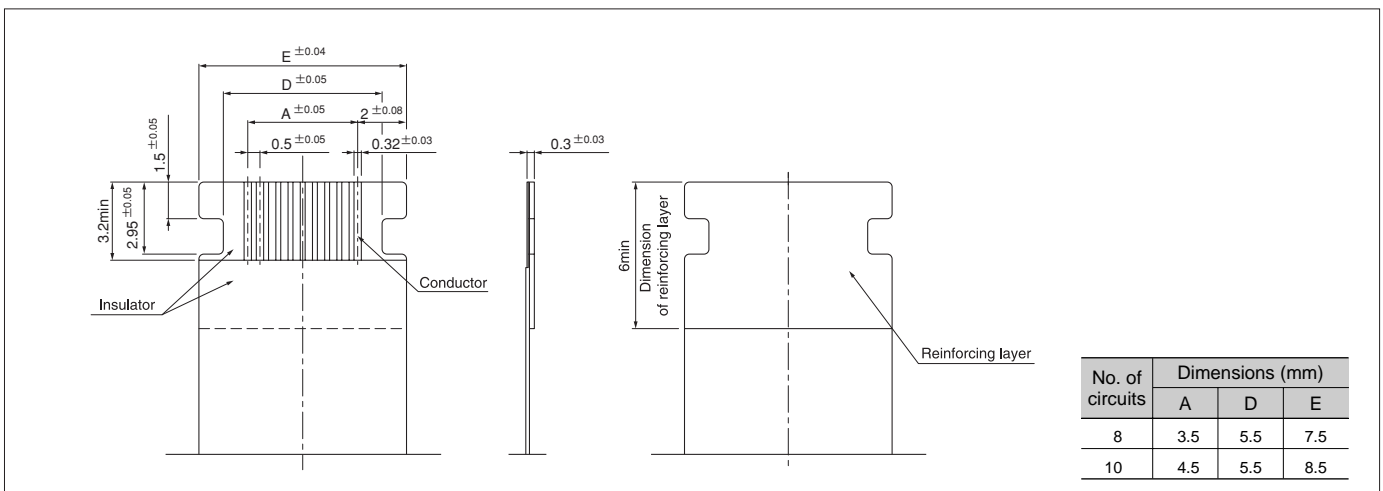
Material and Finish

Contact: Copper alloy, nickel-undercoated, selective gold-plated
 Bearing parts: Copper alloy, tin-plated
 Lock parts: Copper alloy, tin-plated
 Socket housing: LCP, UL94V-0, black
 Cover housing: LCP, UL94V-0, black

RoHS2 compliance

Note: The product listed above is supplied on embossed-tape.

Lead section dimensions of FFC/FPC



Note: 1. The tolerance of FFC/FPC conductor pitch should be ± 0.05 mm and non-cumulative.
 2. The dimensions above should serve as a guideline. Contact JST for details.

Model number identification

Connector

