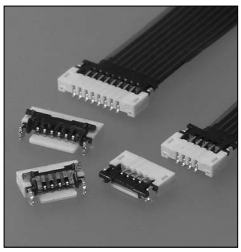
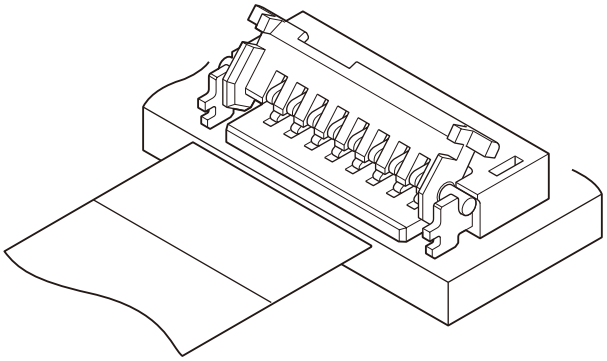


FHS CONNECTOR

Emboss Tape

ZIF TYPE

0.5mm pitch/Connectors for FPC



FHS connector is a space-saving type connector for FPC with 3.1mm depth, though it is low profile of 0.9mm mounting height. 0.2mm thick standard FPC.

- ***Space saving design***
- ***Heat resisting design suitable for surface mounting***
- ***Self-lock mechanism enables the cover to close by one-touch operation***

Specifications

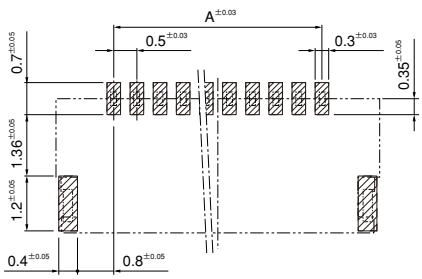
- Current rating: 0.5A AC, DC
- Voltage rating: 50V AC, DC
- Temperature range: -25˚C to +85˚C
  (including temperature rise in applying electrical current)
- Contact resistance: Initial value/60m Ω max.
  After environmental testing/60m Ω max.
  (variation from initial value)
- Insulation resistance: 800M Ω min.
- Withstanding voltage: 200V AC/minute
- Applicable FPC: Conductor pitch/0.5mm
  Conductor width/0.35mm
  Mating part thickness/0.2±0.03mm

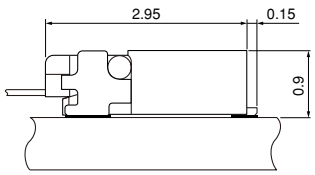
* Compliant with RoHS.
* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
* Contact JST for details.

Standards

Recognized E60389

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





Note: 1.Tolerances are non-cumulative: ±0.03mm for all centers.
2. The dimensions above should serve as a guideline. Contact JST for details.

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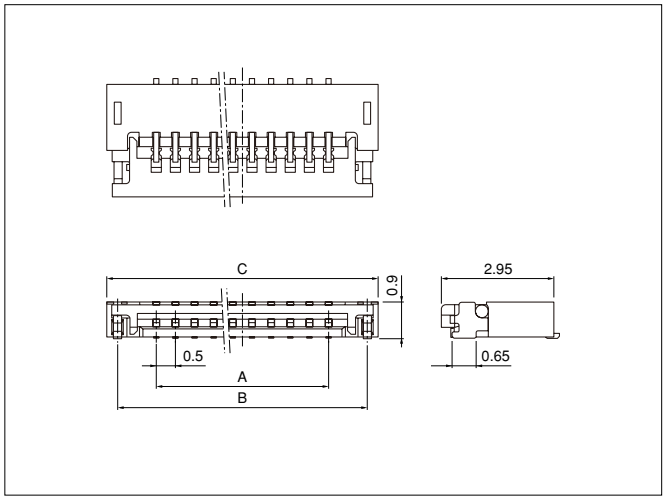
Connector

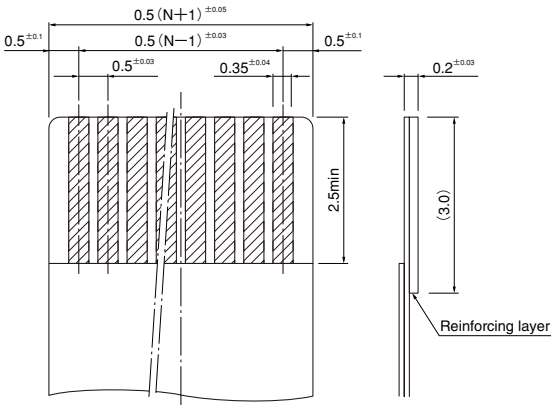


Circuits	Model No.	Dimensions (mm)			Q'ty / reel
		A	B	C	
3	**03FHS-RSM1-GAN-TB**	1.0	3.0	3.56	6,000
4	**04FHS-RSM1-GAN-TB**	1.5	3.5	4.06	6,000
6	**06FHS-RSM1-GAN-TB**	2.5	4.5	5.06	6,000
8	**08FHS-RSM1-GAN-TB**	3.5	5.5	6.06	6,000
9	**09FHS-RSM1-GAN-TB**	4.0	6.0	6.56	6,000

Material and Finish
Contact: Copper alloy, nickel-undercoated, gold-plated (nickel-stripe) Housing: LCP, UL94V-0 Solder tab: Brass, copper-undercoated, tin-plated (reflow treatment) Cover: PPS, UL94V-0

RoHS compliance *This product displays (LF)(SN) on a label.*
Note: This products listed above are supplied on embossed-tape.

Lead section dimensions of FPC



Note: N --- Number of circuits

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