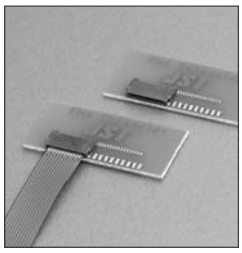
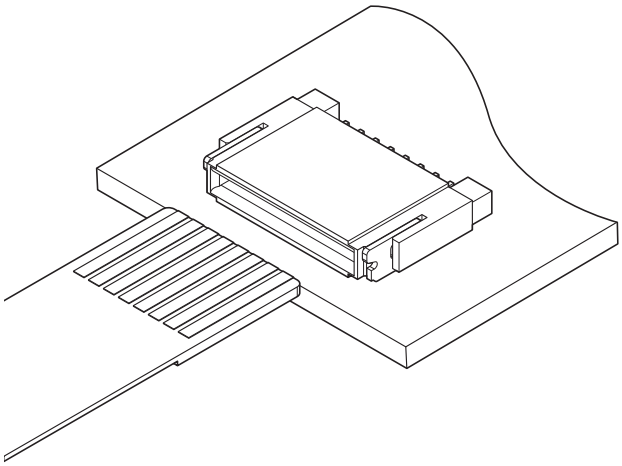


FHA CONNECTOR

Emboss Tape

NON-ZIF TYPE

0.5mm pitch/Connectors for FPC



This FHA connector is a renewal prduct of current FHJ connector.
This is Non-ZIF type connector for the 0.3 mm thickness FPC with a mounting height of 1.1 mm, small and space saving type.

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: 50 MΩ min.
- Withstanding voltage: 200 VAC/minute
- Applicable FPC: Conductor pitch/ 0.5 mm
  Conductor width/ 0.35 mm
  Mating part thickness/ 0.3 ± 0.05 mm

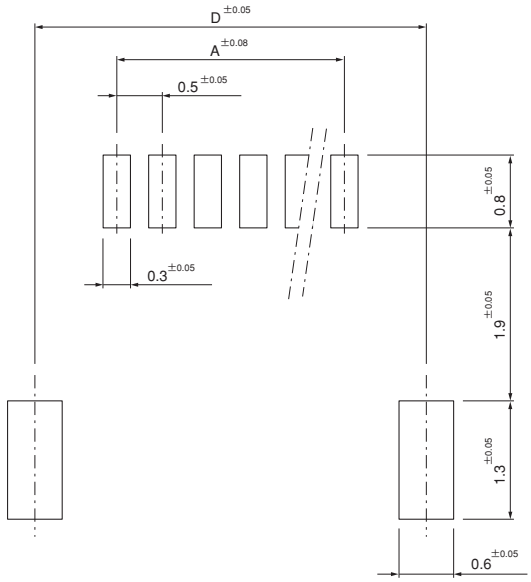
* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
* Contact JST for details.
* Compliant with RoHS.

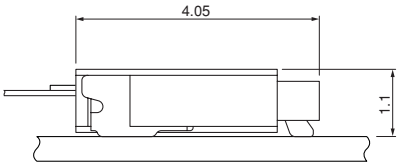
Standards

Recognized E60389

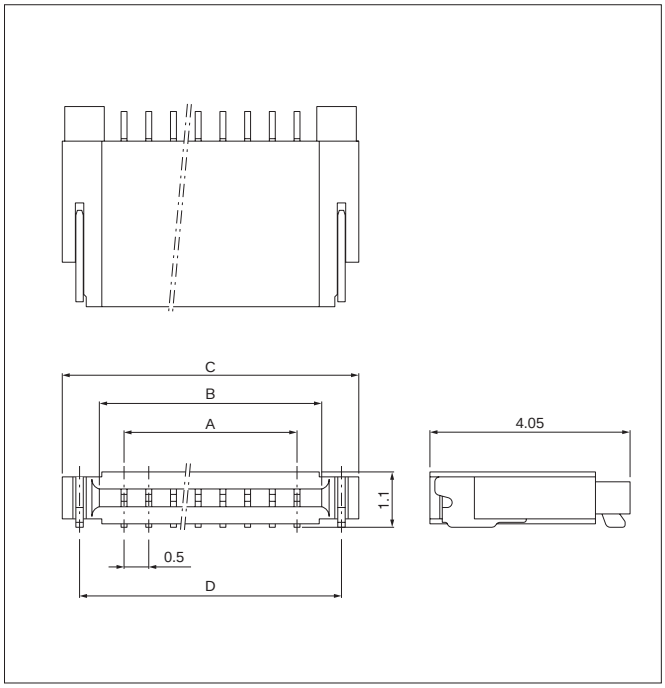
Certified LR20812

PC board layout and Assembly layout





Connector



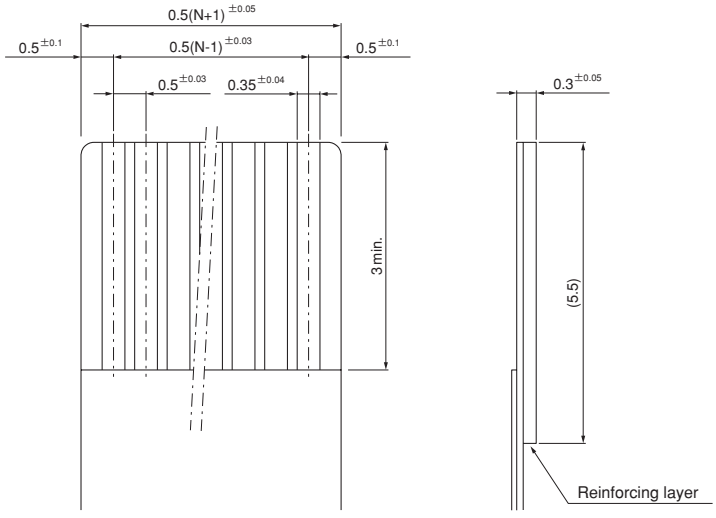
Circuits	Model No.	Dimensions (mm)				Q'ty/ reel
		A	B	C	D	
4	**04FHA-SM1-GAN-ETB(HF)**	1.5	2.5	4.0	3.3	7,000
5	**05FHA-SM1-GAN-ETB(HF)**	2.0	3.0	4.5	3.8	7,000
6	**06FHA-SM1-GAN-ETB(HF)**	2.5	3.5	5.0	4.3	7,000
7	**07FHA-SM1-GAN-ETB(HF)**	3.0	4.0	5.5	4.8	7,000
8	**08FHA-SM1-GAN-ETB(HF)**	3.5	4.5	6.0	5.3	7,000
9	**09FHA-SM1-GAN-ETB(HF)**	4.0	5.0	6.5	5.8	7,000
10	**10FHA-SM1-GAN-ETB(HF)**	4.5	5.5	7.0	6.3	7,000
11	**11FHA-SM1-GAN-ETB(HF)**	5.0	6.0	7.5	6.8	7,000
12	**12FHA-SM1-GAN-ETB(HF)**	5.5	6.5	8.0	7.3	7,000
14	**14FHA-SM1-GAN-ETB(HF)**	6.5	7.5	9.0	8.3	7,000
16	**16FHA-SM1-GAN-ETB(HF)**	7.5	8.5	10.0	9.3	7,000
18	**18FHA-SM1-GAN-ETB(HF)**	8.5	9.5	11.0	10.3	7,000
20	**20FHA-SM1-GAN-ETB(HF)**	9.5	10.5	2.0	11.3	7,000
22	**22FHA-SM1-GAN-ETB(HF)**	10.5	11.5	13.0	12.3	7,000
24	**24FHA-SM1-GAN-ETB(HF)**	11.5	12.5	14.0	13.3	7,000
26	**26FHA-SM1-GAN-ETB(HF)**	12.5	13.5	15.0	14.3	7,000
28	**28FHA-SM1-GAN-ETB(HF)**	13.5	14.5	16.0	15.3	7,000
30	**30FHA-SM1-GAN-ETB(HF)**	14.5	15.5	17.0	16.3	7,000

Material and Finish
Contact: Copper alloy, nickel-undercoated, gold-plated Housing: Heat resisting resin, black Reinforcement: Copper alloy, tin-plated

RoHS compliance

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

Lead section dimensions of FPC



Note: N --- Number of circuits