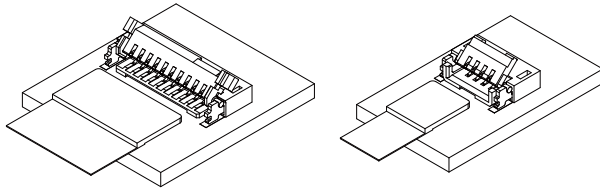
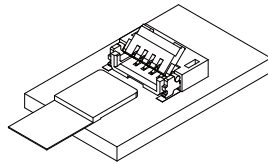


FHSY CONNECTOR

0.5 mm pitch/Connectors for PC board/For FPC, ZIF type



**FHSY-RSM1-GAN



04FHSY-RSM1-GAN (HF) (NR)

This is a ZIF (zero insertion force) flip-lock type connector for FPC connection with a low profile of 0.9 mm in mounting height, and is compatible with a standard FPC thickness of 0.3 mm.

- Space saving
- Heat-resistant design optimal for surface mount technology
- Embossed tape for automatic mounting

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/60 mΩ max.
After test/60 mΩ max.
(variation from initial value)
- Insulation resistance: 500 MΩ min.
- Withstanding voltage: There shall be no breakdown or flashover while applying 200 VAC for one minute.
- Applicable FPC: Conductor pitch/0.5 mm
Conductor width/0.35 mm
Thickness of contact area/0.3 ± 0.05 mm

* Please refer to the "Handling Precautions for Terminals and Connectors" on our website (listed in the "Technical Documents" column on the Product Information page) before use.

* RoHS2 compliance

* Dimensional unit: mm

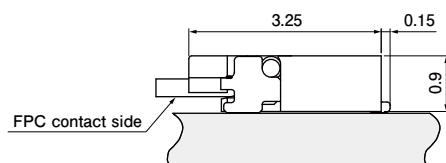
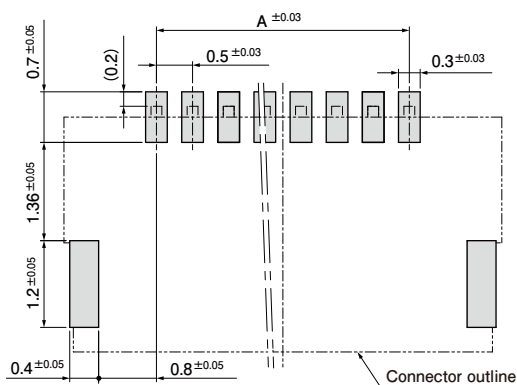
* Contact JST for details.

Standards

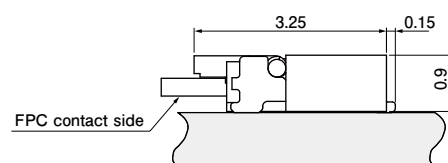
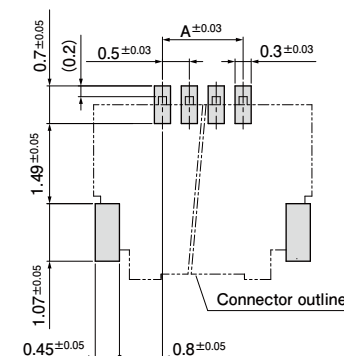
For information on overseas standard registrations, please refer to the "List of Registered Overseas Standards" on our website (listed in the "Technical Documents" column on the Product Information page).

※ The general specifications mentioned above are defined in the product specifications for this series. Please note that registered standards may differ.

PC board layout and Assembly layout



*FHSY-RSM1-GAN

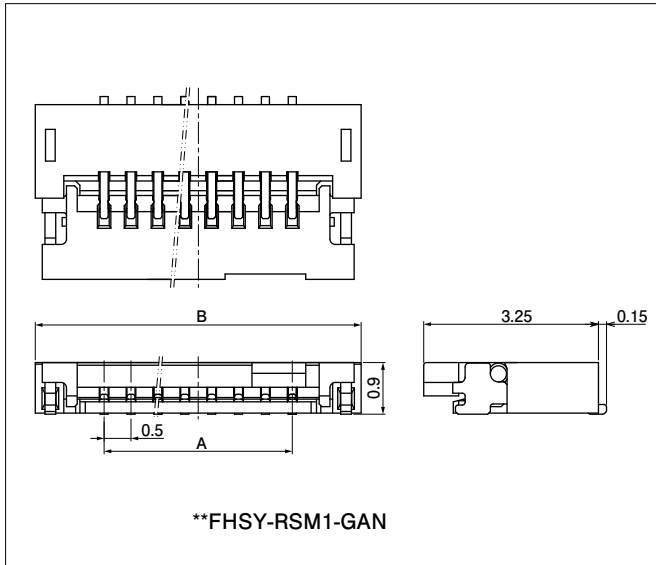


04FHSY-RSM1-GAN (HF) (NR)

- Note: 1. Dimension A: See "Connector" section on page 2
2. The PC board layout figure shown is viewed from the connector mounting surface.
3. Tolerance for the PCB pattern pitch shall be ± 0.03 and shall not accumulate.
The above dimensions are for reference only. Please contact JST for further details.

FHSY CONNECTOR

Connector

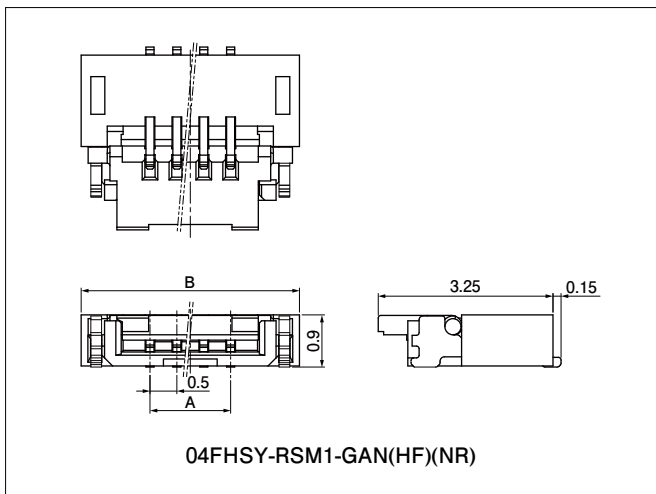


No. of circuits	Model No.	Dimensions (mm)		Q'ty / reel
		A	B	
5	05FHSY-RSM1-GAN-TB	2.0	4.56	3,000
6	06FHSY-RSM1-GAN-TB	2.5	5.06	3,000
8	08FHSY-RSM1-GAN-TB	3.5	6.06	3,000
10	10FHSY-RSM1-GAN-TB	4.5	7.06	3,000
11	11FHSY-RSM1-GAN-TB	5.0	7.56	3,000
12	12FHSY-RSM1-GAN-TB	5.5	8.06	3,000
14	14FHSY-RSM1-GAN-TB	6.5	9.06	3,000
15	15FHSY-RSM1-GAN-TB	7.0	9.56	3,000
16	16FHSY-RSM1-GAN-TB	7.5	10.06	3,000
17	17FHSY-RSM1-GAN-TB	8.0	10.56	3,000
18	18FHSY-RSM1-GAN-TB	8.5	11.06	3,000
20	20FHSY-RSM1-GAN-TB	9.5	12.06	3,000
22	22FHSY-RSM1-GAN-TB	10.5	13.06	3,000
24	24FHSY-RSM1-GAN-TB	11.5	14.06	3,000
27	27FHSY-RSM1-GAN-TB	13.0	15.56	3,000
28	28FHSY-RSM1-GAN-TB	13.5	16.06	3,000

Material and Surface finish, etc.

Contact: Copper alloy, selective gold-plated
 Cover housing: PA (heat resistance) (blue)
 Socket housing: LCP (natural)
 Reinforcement: Copper alloy, tin-plated

This product displays (LF) (SN) on a label.



No. of circuits	Model No.	Dimensions (mm)		Q'ty / reel
		A	B	
4	04FHSY-RSM1-GAN-TB(HF) (NR)	1.5	4.06	6,000

Material and Surface finish, etc.

Contact: Copper alloy, selective gold-plated
 Cover housing: PA (heat resistance) (gray)
 Socket housing: LCP (natural)
 Reinforcement: Copper alloy, tin-plated

Dimensions of FPC lead section

