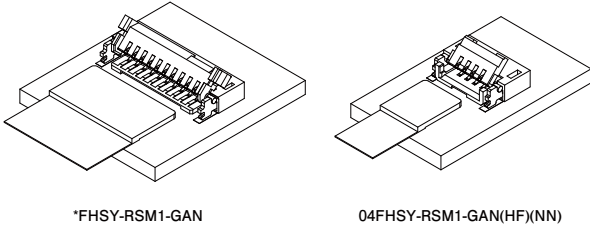


FHSY CONNECTOR

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



*FHSY-RSM1-GAN

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

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 resisting design suitable for surface mounting
- Embossed tape for automatic mounting

Standards

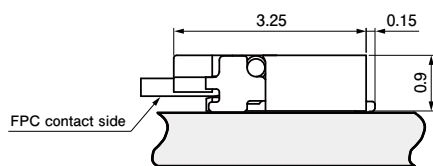
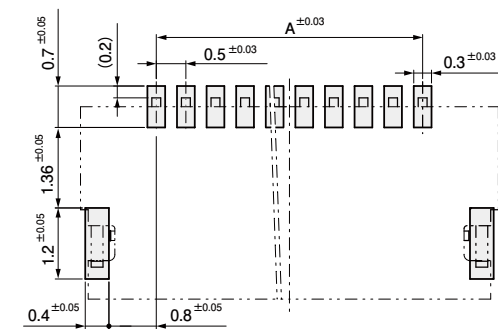
Please contact JST for information on acquiring overseas standards.

Specifications

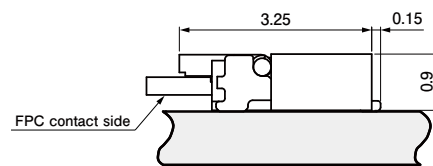
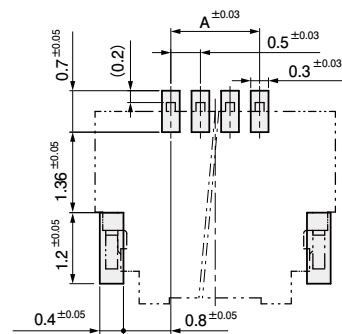
- Current rating: 0.5 A AC/DC
- Voltage rating: 50 V AC/DC
- Temperature range: -25°C to +85°C
(including temperature rise in applying electrical current)
- Contact resistance: Initial value/60 mΩ max.
After environmental tests/60 mΩ max.
(variation from initial value)
- Insulation resistance: 500 MΩ 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 ± 0.03 mm
[Applied tolerance for the part number suffix "(NN)": ± 0.05 mm]

- * In using the products, refer to "Handling Precaution for Terminals and Connectors" described on our website (Technical documents of Product information page).
- * RoHS2 compliance
- * Dimensional unit: mm
- * Contact JST for details.

PC board layout and Assembly layout



*FHSY-RSM1-GAN

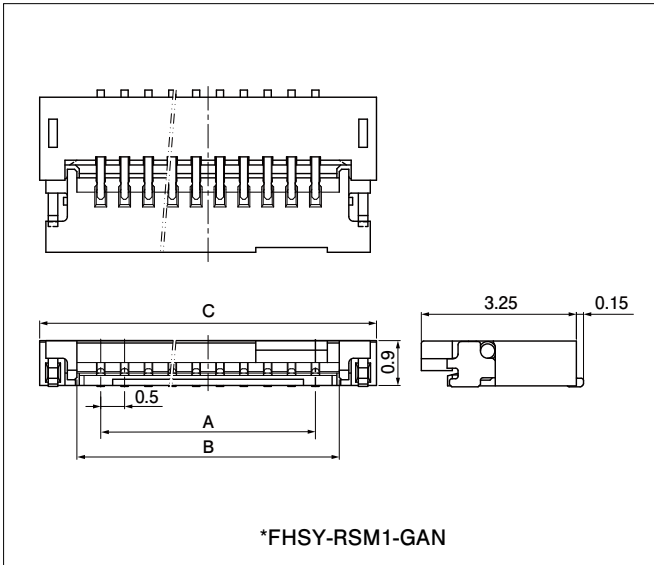


04FHSY-RSM1-GAN (HF) (NN)

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

FHSY CONNECTOR

Connector

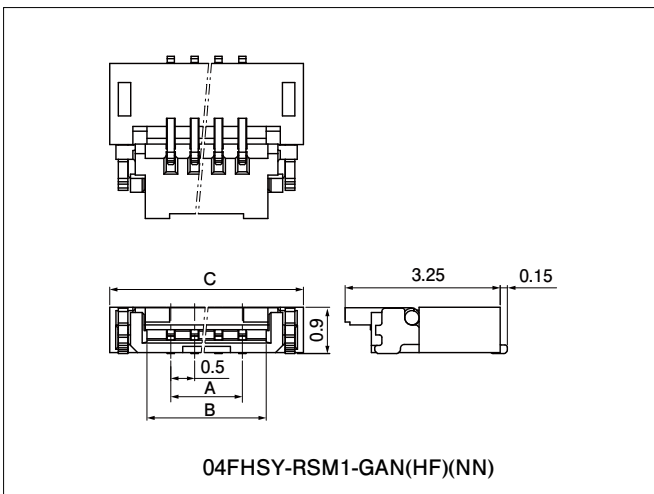


No. of circuits	Model No.	Dimensions (mm)			Q'ty / reel
		A	B	C	
5	05FHSY-RSM1-GAN-TB	2.0	3.0	4.56	3,000
6	06FHSY-RSM1-GAN-TB	2.5	3.5	5.06	3,000
8	08FHSY-RSM1-GAN-TB	3.5	4.5	6.06	3,000
10	10FHSY-RSM1-GAN-TB	4.5	5.5	7.06	3,000
11	11FHSY-RSM1-GAN-TB	5.0	6.0	7.56	3,000
12	12FHSY-RSM1-GAN-TB	5.5	6.5	8.06	3,000
14	14FHSY-RSM1-GAN-TB	6.5	7.5	9.06	3,000
15	15FHSY-RSM1-GAN-TB	7.0	8.0	9.56	3,000
16	16FHSY-RSM1-GAN-TB	7.5	8.5	10.06	3,000
17	17FHSY-RSM1-GAN-TB	8.0	9.0	10.56	3,000
18	18FHSY-RSM1-GAN-TB	8.5	9.5	11.06	3,000
20	20FHSY-RSM1-GAN-TB	9.5	10.5	12.06	3,000
22	22FHSY-RSM1-GAN-TB	10.5	11.5	13.06	3,000
24	24FHSY-RSM1-GAN-TB	11.5	12.5	14.06	3,000
27	27FHSY-RSM1-GAN-TB	13.0	14.0	15.56	3,000
28	28FHSY-RSM1-GAN-TB	13.5	14.5	16.06	3,000

Material and Surface finish, etc.

Contact: Copper alloy, nickel-undercoated, selective gold-plated
 Cover housing: Heat resisting resin (blue)
 Socket housing: Heat resisting resin (natural)
 Reinforcement: Copper alloy, copper-undercoated, tin-plated

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



No. of circuits	Model No.	Dimensions (mm)			Q'ty / reel
		A	B	C	
4	04FHSY-RSM1-GAN-TB(HF) (NN)	1.5	2.5	4.06	6,000

Material and Surface finish, etc.

Contact: Copper alloy, nickel-undercoated, selective gold-plated
 Cover housing: Heat resisting resin (gray)
 Socket housing: Heat resisting resin (natural)
 Reinforcement: Copper alloy, copper-undercoated, tin-plated

Dimensions of FPC lead section

