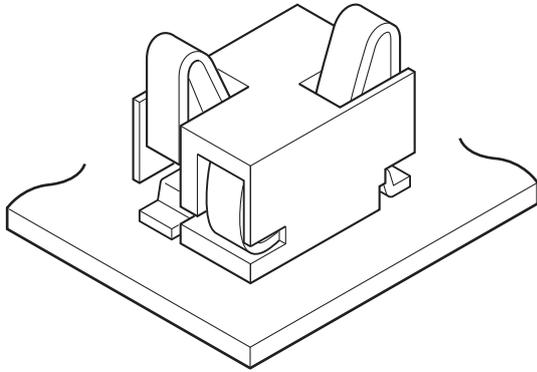


# MIH CONNECTOR

1.0 mm pitch / For connections from PCB to electrical and electronic components/ Compression type



This 2-circuit connector enables electrical connection by simply pressing the electrode of an electronic component, such as a compact microphone, against the MIH connector contact area of protrusion. It facilitates the assembly of small electrical and electronic devices.

## ■ Features

### • Compact

Board mounting height: 1.8 mm (excluding contact protrusions), PC board dimensions 2 mm (width) x 2.8 mm (depth).

### • High contact force

The high contact force of 0.7 N per circuit provides exceptional resistance against vibration while providing stable contact performance to maintain a reliable electrical connection.

### • SMT compatible

Surface mount technology (SMT) type, suitable for reflow soldering

### • Embossed taping

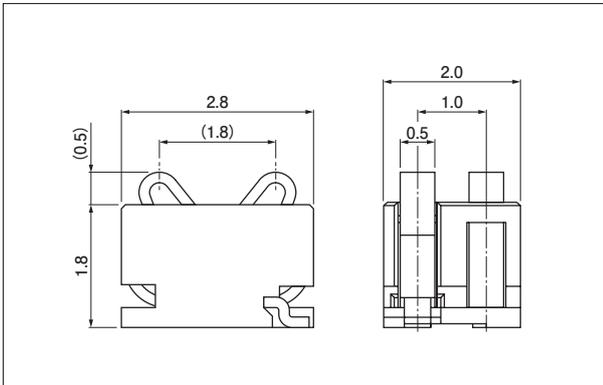
Supplied on embossed tape packaging for automatic mounting using pick and place machine.

## ■ Specifications

- Current rating: 0.5 A DC
- Voltage rating: 20 V DC
- Temperature range: -25°C to +85°C  
(including temperature rise in applying electrical current)
- Contact resistance:
  - Initial value/ 30 mΩ max.
  - After environmental tests/ 50 mΩ max.
- Insulation resistance: 1,000 MΩ min.
- Withstanding voltage:
  - There shall be no breakdown or flashover while applying 100 VAC for one minute.
- \* 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.

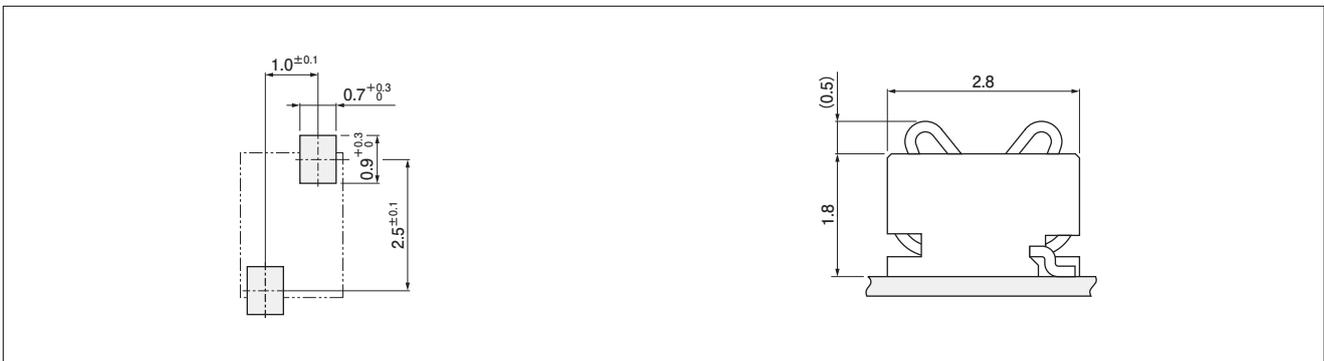
# MIH CONNECTOR

## Connector



Model No.	Material and Surface finish, etc.	Q'ty/reel
MIH-2-512-TF	Contact : Copper alloy, gold-plated Housing : Glass-filled LCP, UL94V-0, black	6,000

## PC board layout and Assembly layout



Note: 1. The PC board layout figure shown is viewed from the connector mounting surface.  
2. The above dimensions are for reference only. Please contact JST for further details.