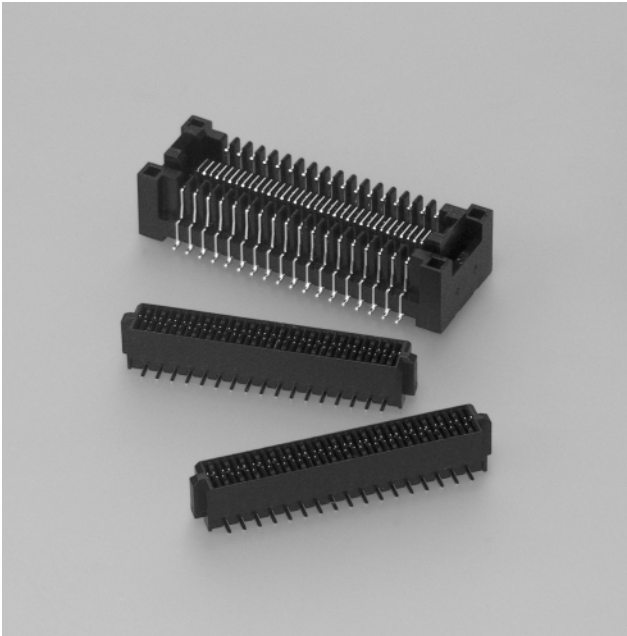
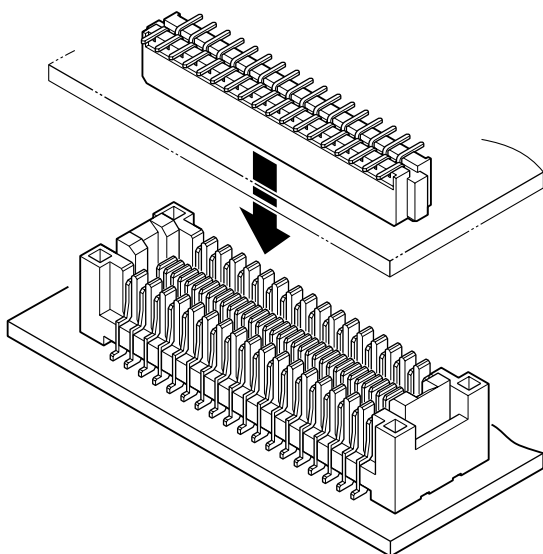


# JFC CONNECTOR

Board-to-board connectors



**This 0.8mm pitch connector is developed for the car audio industry and is able to compensate for misalignment of up to 0.5mm on all three directions of X, Y and Z axes between the plug and receptacle when they are mating.**



## Features

- **0.8mm pitch, 35-circuits and 10.5mm stacking height**

The pitch and circuit number are designed to meet miniaturized multifunctional car audio and navigation equipment.

- **Compensates for misalignment**

To make the assembly process at customers' site easier, misalignment of 0.5mm on X, Y and Z axes will be compensated for.

- **Realized current rating of 1.3 Amps**

Realized 1.3A of current rating by having selected a high conductivity material for the contact.

- **Applicable to automatic surface mounting technology**

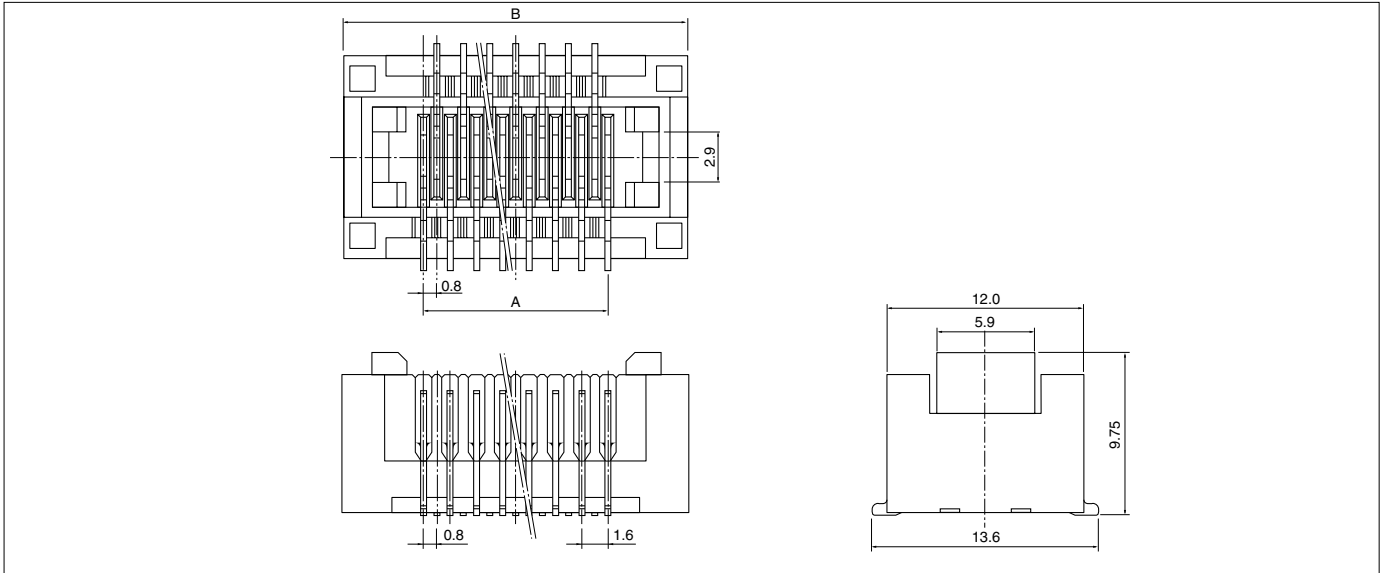
By providing a suction cap on the plug this embossed tape packaging connector series is applicable to automatic surface mounting.

## Specifications

- Current rating: 1.3A AC, DC
  - Voltage rating: 125V AC, DC
  - Temperature range: -40°C to +85°C  
(including temperature rise in applying electrical current)
  - Contact resistance: Initial value/50m Ω max.  
After environmental testing/30m Ω max.  
(variation from initial value)
  - Insulation resistance: 500M Ω min.
  - Withstanding voltage: 500V AC/minute
- \* RoHS compliant products are published.  
\* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.  
\* Contact JST for details.

# JFC CONNECTOR

## Plug



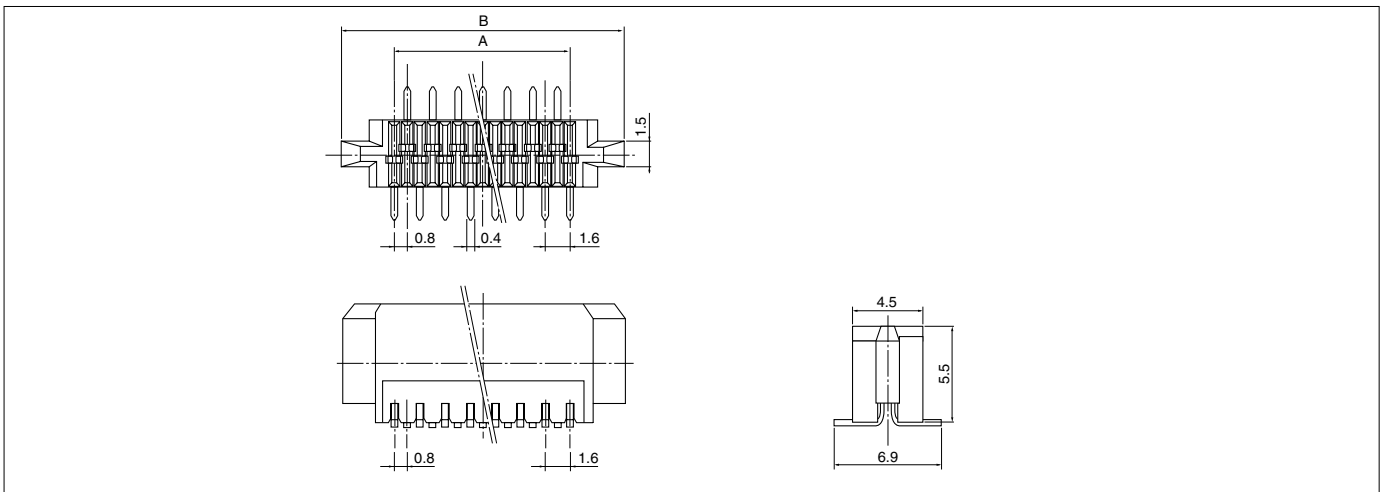
Cir- cuits	Model No.	Dimensions (mm)		Q'ty / reel
		A	B	
35	<b>35P-0.8JFCK-TF</b>	27.2	36.9	400

### Material and Finish

Contact: Copper alloy, copper-undercoated, tin-plated (reflow treatment)  
 Housing: Heat resisting resin, UL94V-0  
 Cap: Heat resisting resin, UL94V-0

**RoHS compliance** This product displays (LF)(SN) on a label.

## Receptacle



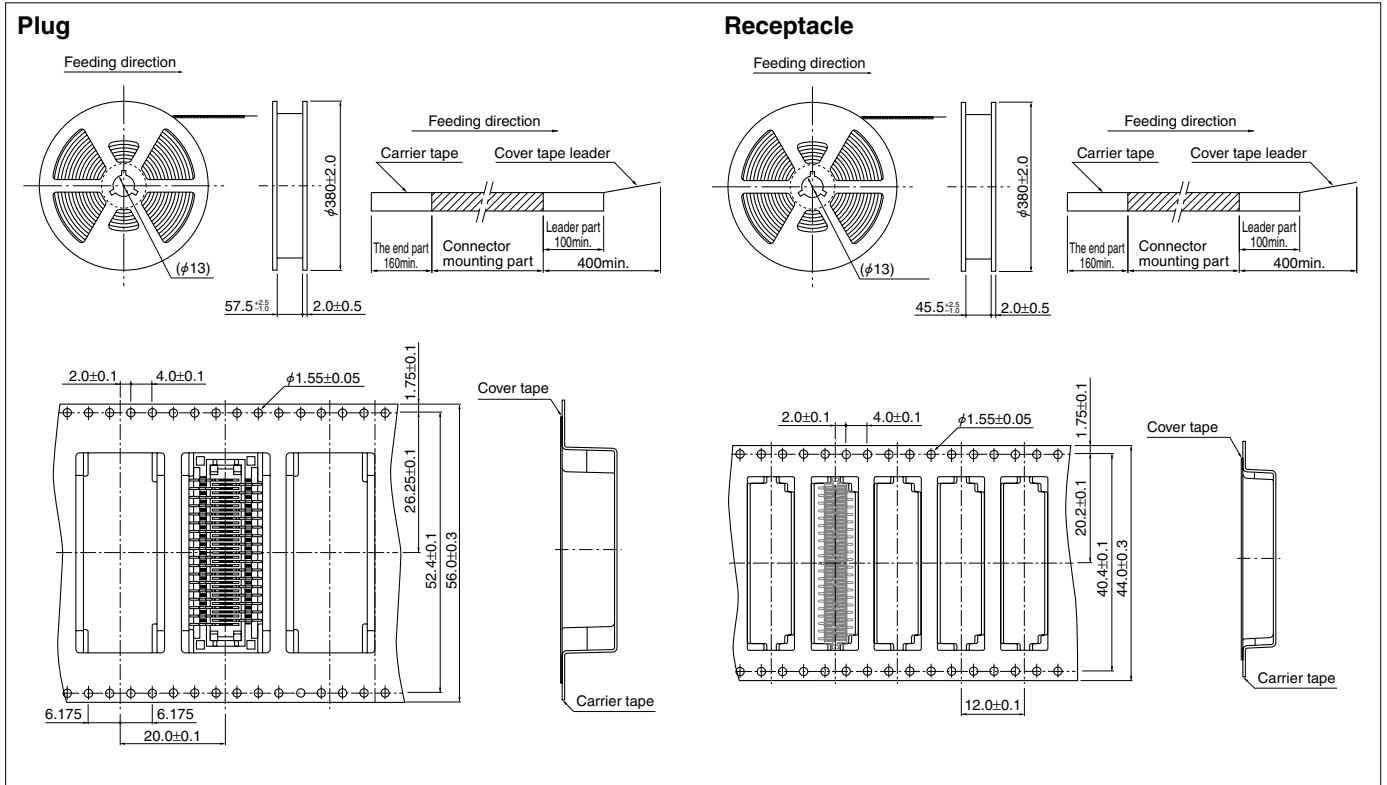
Cir- cuits	Model No.	Dimensions (mm)		Q'ty / reel
		A	B	
35	<b>35R-0.8JFCK-TF</b>	27.2	31.4	1,000

### Material and Finish

Contact: Copper alloy, copper-undercoated, tin-plated (reflow treatment)  
 Housing: Heat resisting resin, UL94V-0

**RoHS compliance** This product displays (LF)(SN) on a label.

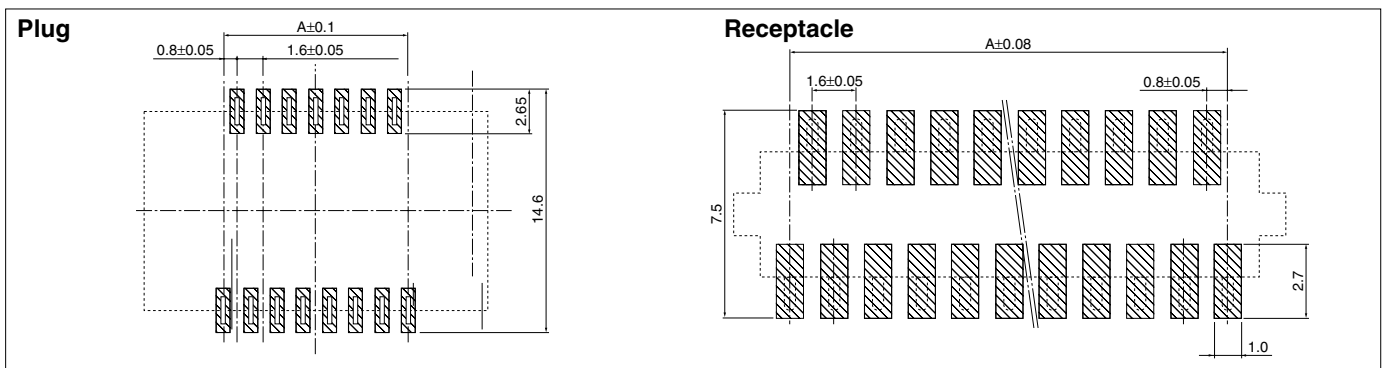
## Taping specifications



**Note:**

1. Specifications conform to JIS C 0806. The tape width, connector loading recess square hole dimensions, etc. are determined by the number of circuits and external shape of the connector to be loaded.
2. Specifications are subject to change without prior notice.

## PC board layout (viewed from component side)



## Assembly layout

