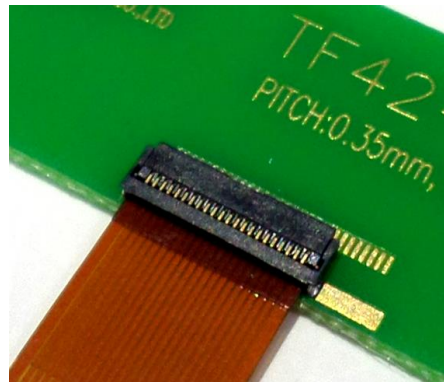




# TF42 Series

0.35mm Pitch, 0.9mm Height, Single Sided Lead, Bottom Contact, Back Flip(Front Access Type), FPC Connector



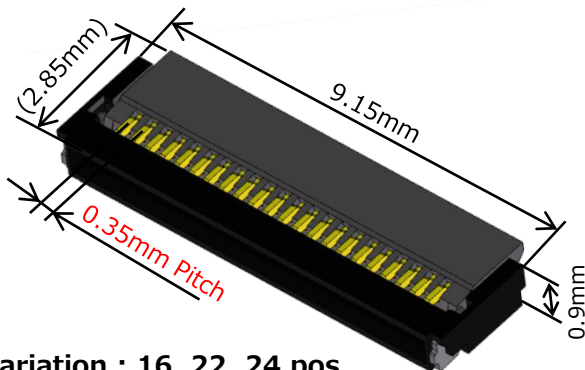
**High Density Mounting  
0.35mm Pitch**

## ◆ Features

1. Space saving
  - 0.35mm Pitch, 3.0mm Mounting Depth, 0.9mm Height
2. Back flip design (Front Access Type)
  - Actuator is closed when mounted on board to prevent damage during delivery.
3. High reliability
  - High FPC retention force with FPC side-catcher design
  - Solder wicking and flux penetration prevention
4. Environment compliance
  - RoHS compliant, Halogen-free product\*<sup>1</sup>

\*<sup>1</sup> This product satisfies halogen free requirements defined as 900ppm maximum chlorine, 900ppm maximum bromine, and 1500 ppm maximum total of chlorine and bromine.

## ◆ Dimensions (22 pos.)



Variation : 16, 22, 24 pos.

## ◆ Specifications

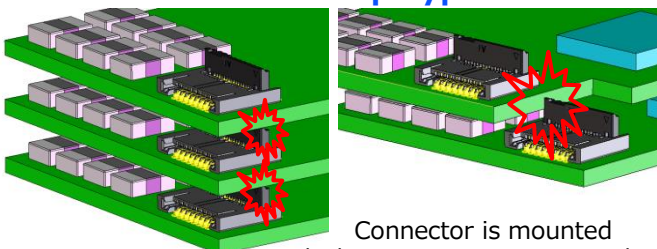
Contact Resistance * <sup>2</sup>	100mΩ Max.
Withstanding Voltage	150V AC for 1 minute
Insulation Resistance	500MΩ Min. (100V DC)
Rated Current	0.4A
Rated Voltage	30V AC/DC
FPC Thickness	0.2±0.03mm

\*<sup>2</sup> FPC resistance is included.

## ◆ Back Flip Design (Front Access Type)

Actuator is closed and mounted on board during delivery to prevent damage.

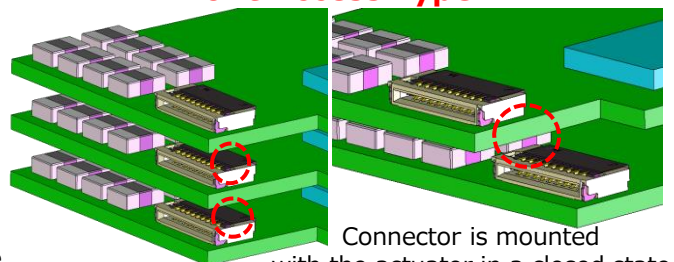
### Conventional Back Flip Type Connector



Connector is mounted with the actuator in an opened state

⇒ **Actuator might be damaged**

### Front Access Type



Connector is mounted with the actuator in a closed state

⇒ **Prevents actuator damage**

\*Specifications herein are subject to change without notice. Contact Hirose for latest specifications, drawings or availabilities.