

HRS

TF38 Series

**0.5mm Pitch, 5.2mm Height, Double Sided Leads
Vertical Mating, FPC/FFC Connector**

◆ Features

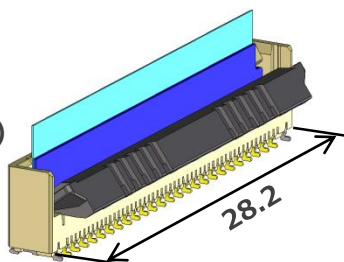
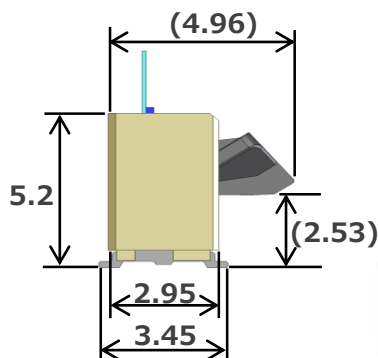
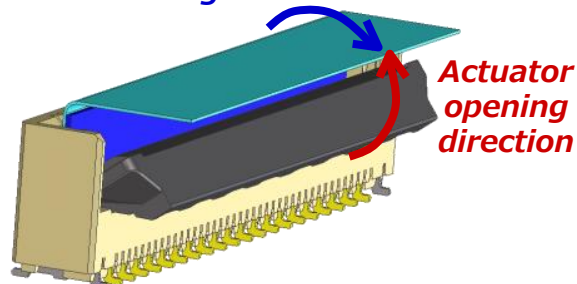
1. Vertical type FPC/FFC connector
 - 0.5mm Pitch, 5.2mm Height, 4.96mm Depth (Locked position)
2. High reliability
 - Robust lock design to prevent unintended actuator opening by bending FPC
 - High FPC retention force with FPC side-catcher design
 - Solder wicking and flux penetration prevention
3. User-friendly design
 - Simple & easy workability
4. Environmental compatibility
 - RoHS compliant, Halogen-free product^{*1}

^{*1} This product satisfies halogen free requirements defined as 900 ppm maximum chlorine, 900 ppm maximum bromine, and 1500 ppm maximum total of chlorine and bromine.

Vertical Type & Easy operation!

◆ Dimensions (50 pos.) [Locked position]

Unit : mm

**FPC bending direction**

Actuator does not open by bending FPC because actuator opening direction is opposite from FPC bending direction.

⇒ Prevents unintended actuator opening

※ Variations : 18 to 60 pos.

◆ Specifications

Contact Resistance ^{*2}	50mΩ Max.
Withstanding Voltage	150V AC for 1minute
Insulation Resistance	500MΩ Min. (100V DC)
Rated Current	0.5A
Rated Voltage	AC/DC 50V
FPC/FFC Thickness	0.3±0.03mm

^{*2} FPC/FFC resistance is included.

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

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