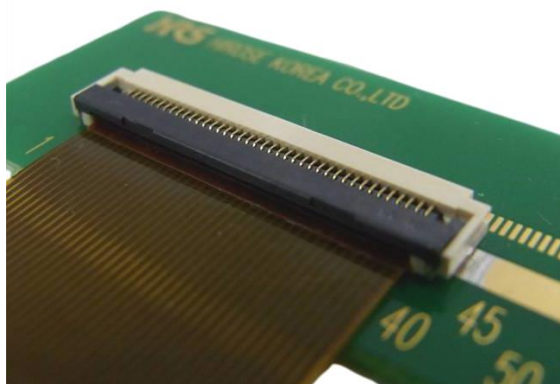


HRS

TF31 Series

**0.5mm/1.0mm Pitch, 1.75mm/2.0mm Height
Bottom contact, Front Flip FPC/FFC Connector**

Best Selling
0.5mm/1.0mm Pitch
Connector

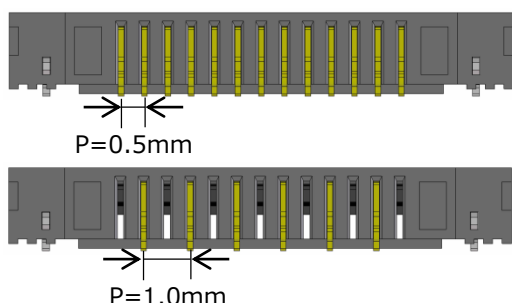
◆ Features

1. Multiple variations available
 - 0.5mm/1.0mm Pitch, 1.75mm/2.0mm Height, 5.7mm Mounting depth
2. User-friendly design
 - Actuator opens wide up to 110°
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^{*1}

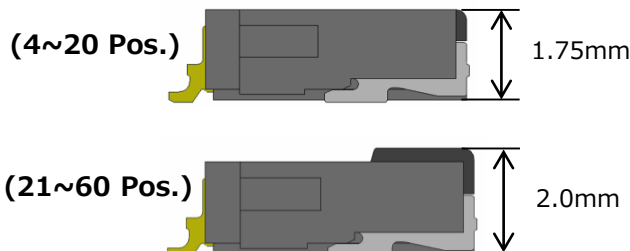
^{*1} This product satisfies halogen free requirements defined as 900 ppm maximum chlorine, 900 ppm maximum bromine, and 1500 ppm maximum total of chlorine and bromine.

◆ Multiple Pitch and Height Variations Available

[Pitch Variations]



[Height Variations]



◆ Specifications

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Hirose Electric:

[TF31-10S-1SH\(800\)](#) [TF31-40\(20\)SB-1SH\(800\)](#) [TF31-20S-0.5SH\(895\)](#) [TF31-30S-0.5SH\(895\)](#) [TF31-45S-0.5SH\(895\)](#)
[TF31-24S-0.5SH\(895\)](#) [TF31-36S-0.5SH\(895\)](#) [TF31-17S-0.5SH\(895\)](#) [TF31-16S-0.5SH\(895\)](#) [TF31-6S-0.5SH\(895\)](#)
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[TF31-55S-0.5SH\(895\)](#) [TF31-18S-0.5SH\(895\)](#)