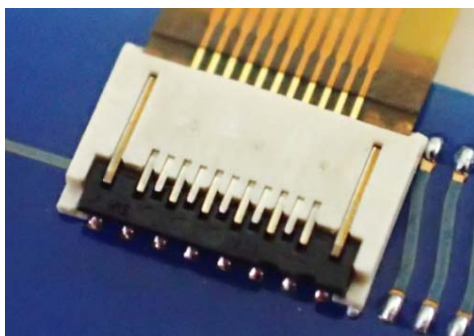


HRS

FH64M Series

0.25mm Pitch, 0.5mm Height, Top Contact, Back Flip FPC connector



The world's lowest profile*
&
In H=0.5mm connector
The world's shortest depth*

*As of Aug. 2016

◆ Features

1. Super Low Profile, Space-Saving

- Super low profile 0.5mm height
- Space-saving 0.25mm pitch, 2.95mm depth(Locked status)

2. User-Friendly Design

- Mating guide for smooth FPC insertion
- Clear tactile click while locking. Improves workability and prevents incomplete locking

3. High reliability

- Lock metal improves FPC retention force
- Solder wicking and flux penetration prevention

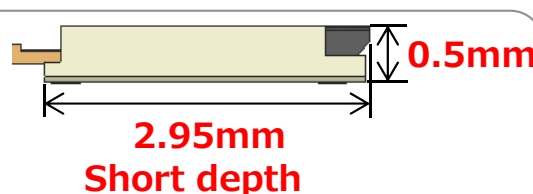
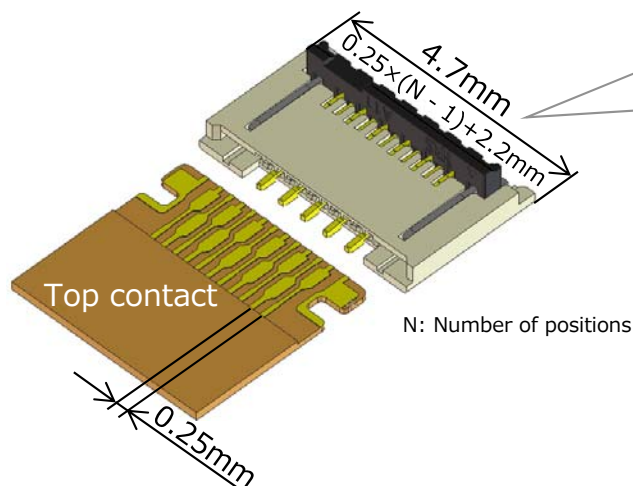
4. Environmental compatibility

- RoHS compliant, halogen-free product*

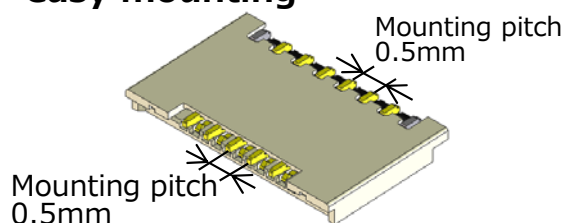
*This product satisfies halogen free requirements defined as 900 ppm maximum chlorine, 900 maximum bromine, and 1500 ppm maximum total of chlorine and bromine.

◆ Dimensions (Example: 11pos.) (FH64M-11S-0.25SHW)

- Super low profile & space mounting & saving space & easy mounting



- Double-sided lead design for easy mounting



◆ Specifications

■ Material

COMPONENT	MATERIAL	FINISH, REMARKS
Housing	LCP*	Beige/UL94V-0
Actuator	Polyimide*	Blavk/UL94V-0
Contact	Phosphor bronzr*	Contact area: Gold plated over under nickel plating Others: Nickel plating
Chucking metal	Phosphor bronze (plating material)*	Tin plating(Reflow treatment)

■ Characteristic

Contact resistance	200mΩ max. (including FPC conductor resistance)
Withstanding voltage	90V AC for 1minute
Insulation resistance	50MΩ min.(100V DC)
Rated current	0.20A
Rated voltage	30V AC/DC

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