

FH48 Series

0.5 mm Pitch, Robust Vertical Mount,
High Speed Transmission Shield FFC Connector



**Supports
next gen. chip
V-by-One®HS*
by THine**

*High speed serial interface technology for picture transmission



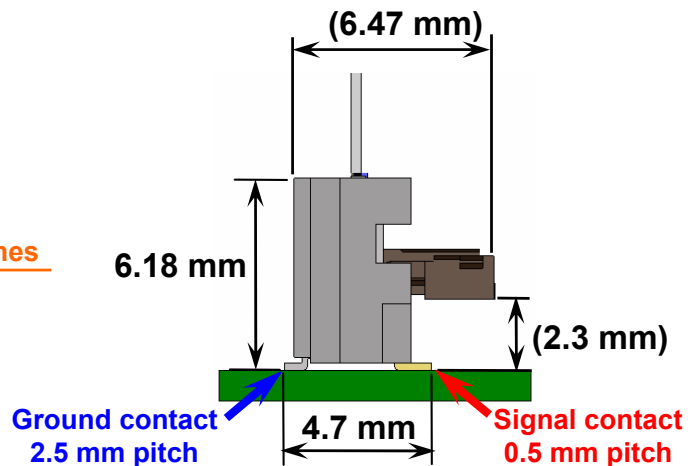
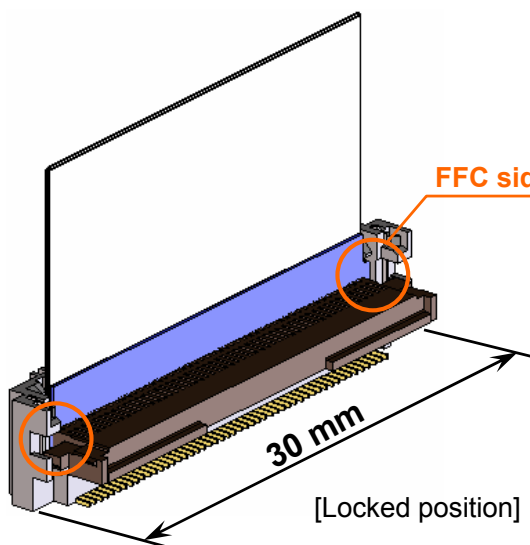
◆ Features

1. Accepts impedance matched shield FFC ground contacts
2. Differential impedance $100 \Omega \pm 10 \%$ (3.75 Gbps Max.)
3. Firm & clear tactile click to confirm lock completion
4. Robust lock structure
5. LIF structure FFC tabs allow high connection reliability
6. Utilizes same FFC as horizontal FH41
7. Solder wicking prevention
8. Visible SMT leads for visual check
9. RoHS compliant, Halogen-free product*

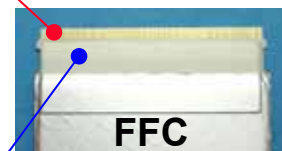


*This product satisfies halogen free requirements defined as 900 ppm maximum chlorine, 900 ppm maximum bromine, and 1500 ppm maximum total of chlorine and bromine.

◆ Dimensions (50 pos.)



Contact area for signal



Contact area for grounding

FFC:
t (Contact area for signal) = $0.3 \text{ mm} \pm 0.05$
t (Contact area for grounding) = $0.5 \text{ mm} \pm 0.05$

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