

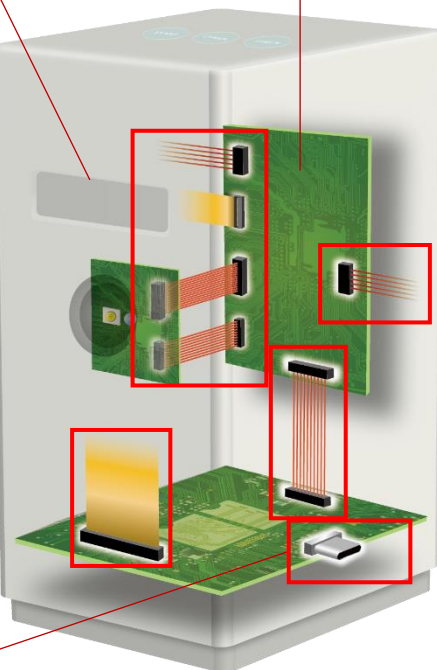
# Non-invasive Glucose Meter



LCD

Main Board

Interface Board



## Internal Connection

### Antenna



#### U.FL

Mated Height : 1.9-2.4mm  
Frequency : 18GHz Max.  
Characteristic Impedance : 50Ω



#### MS-180

Mated Height : 0.85mm  
Frequency : 11GHz Max.  
Characteristic Impedance : 50Ω

### FFC/FPC



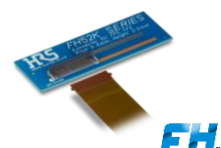
#### FH41/FH48

Front Flip (FH41),  
Bottom Contact/Vertical  
Pitch : 0.5mm  
Height : 2.5/6.18mm  
Depth : 6.2/6.47mm  
No. of Pos. : 15-68  
Rated Current : 0.5A



#### FH63S/FH67

One Action,  
Bottom Contact/Vertical  
Pitch : 0.5mm  
Height : 2.8/5.2mm  
Depth : 5.15/5.45mm  
No. of Pos. : 10, 20, 30, 40  
Rated Current : 0.5A



#### FH52K

Front Flip,  
Bottom Contact  
Pitch: 0.5/1.0mm  
Height: 2.0mm  
Depth : 5.7mm  
No. of Pos. : 6-80  
Rated Current : 0.5A

## External Connection

### Interface

CX  
series

CX

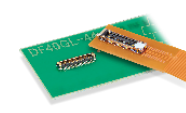
USB Type-C  
USB4 Gen.2準拠

### Board-to-Board / FPC-to-Board



#### DF40

USB4 Gen.2  
Pitch : 0.4mm  
Stacking Height : 1.5-4.0mm  
No. of Pos. : 10-120



#### DF40GL

USB4 Gen.2  
Pitch : 0.4mm  
Stacking Height : 1.5mm  
No. of Pos. : 44



FunctionMAX

#### FX23/FX23L

16Gbps High Speed  
Transmission  
Pitch : 0.5mm  
Stacking Height : 8-30mm  
No. of Pos. : 20-120 (Signal)  
4 (Power)

### Wire-to-Board



#### DF50/DF50A

Pitch : 1.0mm  
No. of Pos. :  
20, 30, 40, 50 (DF50)  
2-16 (DF50A)  
AWG : 26-32  
Rated Current : 1A



#### DF51/DF51K

Pitch : 2.0mm  
No. of Pos. : 2-30  
AWG : 22-30  
Rated Current : 3A Max.



#### DF52

Pitch : 0.8mm  
Height : 1.75mm  
Depth : 4.1mm  
No. of Pos. : 2-20  
AWG : 28-32  
Rated Current : 2.5A Max.