



Front

Rear

① Main Board

② Branch Connection

⑤ Touch Panel

⑥ LED Display

⑦ RFID

⑧ Image Processing Board

⑨ In-Line Connection

⑩ Power Module (for Power Supply)

⑪ Power Module (for PCB)

① Main Board

**DF51**

Side Lock
Pitch: 2.0mm
Rated Current:
3.0A Max.
UL/C-UL Certified

② Branch Connection

**DF51K**

Center Lock
Pitch: 2.0mm
Rated Current:
3.0A Max.
UL/C-UL Certified

③ Sub Board

**DF51**

DF51B: In-Line Branch
Pitch: 2.0mm
Rated Current:
3.0A Max.
UL/C-UL Certified

④ Service Plug

**KW30**

Center Lock
Pitch: 1.0mm
Rated Current:
3.0A Max.

⑤ Touch Panel

**EM30MSD**

Rated Current:
200A Max.
IPX8* Water Proof
UL/TÜV Certified

*IPX8:
No water intrusion,
while submerged
In 2m water depth
for 14 days in
mated condition

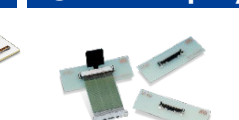
⑥ LED Display

**FH62/FH72**

One Action Lock
Pitch: 0.25/0.3mm

**DF40**

Board-to-Board
FPC-to-Board
Stacking Height:
1.5-4.0mm

**DF80**

Vertical
Pitch: 0.5mm
Height: 1.72mm
Depth: 5.1mm

**DF81**

Horizontal
Pitch: 0.4mm
Height: 0.9mm
Depth: 2.75mm

⑦ RFID

**MS-156C**

Coaxial Switch
Height: 1.35mm
Frequency:
0 to 11GHz

**U.FL**

Coaxial Connector
Mated Height:
1.9-2.4mm
Frequency: 0 to 18GHz Max.

⑧ Image Processing Board

**FH55**

Front Flip
Pitch: 0.4/0.5mm
Height: 1.5mm
Transmission Speed: 16Gbps

**FH63S**

One Action Lock
Pitch: 0.5mm

**FH67**

One Action Lock
Vertical
Pitch: 0.5mm

⑨ In-Line Connection

**DF63W**

Rated Current:
14A Max.
Water Proof

**DF62W**

Rated Current: 5A Max.
Water Proof
UL/C-UL Certified

⑩ Power Module

For Power Supply

**DF60**

Pitch: 10.16mm
Rated Current: 65A Max.
UL/C-UL/TÜV Certified

For PCB

**FX30B**

Misalignment Absorption
Pitch: 3.81mm
Rated Current: 25A Max.
UL/TÜV Certified



Front

① Main Board

② Branch Connection

③ Sub Board

④ Power Supply

⑤ Touch Panel

⑦ LED Display

⑧ RFID

⑨ Image Processing Board

⑩ In-Line Connection

① Main Board

**DF51**

Side Lock
Pitch: 2.0mm
Rated Current:
3.0A Max.
UL/C-UL Certified

DF51K

Center Lock
Pitch: 2.0mm
Rated Current:
3.0A Max.
UL/C-UL Certified

② Branch Connection

**DF51**

DF51B: In-Line Branch
Pitch: 2.0mm
Rated Current: 3.0A Max.
UL/C-UL Certified

③ Sub Board

**KW30**

Center Lock
Pitch: 1.0mm
Rated Current: 3.0A Max.

④ Power Supply

**HR41**

Weather-Resistant
Waterproof
Surge Protection
(15kV)

**LF**

Small and Robust
Waterproof
Bayonet Lock
Shielding

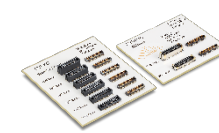
**HR30**

Plastic Waterproof
Small Light Weight
Push-Pull Lock

⑤ Touch Panel

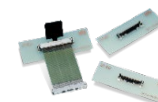
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One Action Lock
Pitch: 0.25/0.3mm

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Board-to-Board
FPC-to-Board
Stacking Height: 1.5-4.0mm

⑥ LED Display

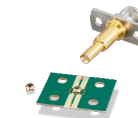
**DF80**

Vertical
Pitch: 0.5mm
Height: 1.72mm
Depth: 5.1mm

**DF81**

Horizontal
Pitch: 0.4mm
Height: 0.9mm
Depth: 2.75mm

⑦ RFID

**MS-156C**

Coaxial Switch
Height: 1.35mm
Frequency: 0 to 11GHz

**U.FL**

Coaxial Connector
Mated Height: 1.9-2.4mm
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**FH63S**

One Action Lock
Pitch: 0.5mm

**FH67**

One Action Lock
Vertical
Pitch: 0.5mm

⑨ In-Line Connection

**DF63W**

Rated Current:
14A Max.
Water Proof

**DF62W**

Rated Current:
5A Max.
Water Proof
UL/C-UL Certified