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Camera Module & Internal Connection

Board to Board

HIF3F



Pitch: 2.54mm MIL standard

FX2



Pitch: 1.27mm Height: 12 to 66mm

FX18



Pitch: 0.8mm Height: 10 to 45mm High-speed transmission (10Gbps)

FX8C



Pitch: 0.6mm Height: 3 to 16mm

FX10



Pitch: 0.5mm Height: 4 to 13mm High-speed transmission

Pitch: 0.5mm

Depth: 4.6mm

Pitch: 0.4mm

0.98/1.5mm Depth: 2.98mm

Height:

3.0 to 5.0mm

Height:

DF37

(15Gbps)

DF12

FX20



Pitch: 0.5mm Height: 15 to 30mm Floating type

FX22



Pitch: 0.5mm Height: 4.2mm Floating type

FX23/FX23L



Pitch: 0.5mm Height: 8 to 30mm Floating Type High-speed transmission (8Gbps)

DF40GL

Pitch: 0.4mm

Shielding and

positive lock

Height: 1.5mm

Depth: 3.38mm

DF17



Pitch: 0.5mm Height:

4.0 to 8.0mm Depth: 5.7mm

KN13



Pitch: 0.4mm Height: 0.8mm Depth: 2.5mm

DF40



Pitch: 0.4mm Height:

1.5 to 4.0mm Depth: 3.38mm

BM20



Pitch: 0.4mm Height: 0.6/0.8mm Depth: 2.3mm

Board to FPC

FH63 One action lock



FH34SRJ

Back flip



Pitch: 0.5mm Height: 1.0mm Depth: 3.2mm

FH28 Front flip



Pitch: 0.5mm Height: 2.55mm Depth: 6.4mm

FH41 Back flip



Pitch: 0.5mm Height: 2.5mm Depth: 6.2mm

FH52 Front flip



Pitch: 0.5mm Height: 2.0mm Depth: 7.2mm

FH40 Vertical



Pitch: 0.5mm Height: 5.8mm Depth: 3.05mm

DF65

Small.

Low profile

Board to Wire

DF13 Wide variety, DIP/SMT



Pitch: 1.25mm Rated current: 1A Max.

DF57H

Swing lock,

Low profile

DF14

Low profile



Pitch: 1.25mm Height: 1.6mm Rated current: 1A Max.

DF52

Small & Robust



DF50

Pitch: 1.2mm Height: 1.4mm Rated current: 2.5A Max.

Positive lock



Pitch: 1.0mm Rated current: 1A Max.



Pitch: 0.8mm Rated current: 2.5A Max.

DF58

ViSe lock, Low profile

Pitch: 1.7mm

Height: 1.8mm

Rated current:

4A Max.



Pitch: 1.2mm Height: 1.0mm Rated current: 3A Max.

Antenna/Microphone Module Connection

Miniature RF

U.FL



Mated height: 1.9mm (2.0mm Max.) Applicable Cable: ø0.81/1.31/1.32mm

W.FL



Mated height: 1.4mm (1.55mm Max.) Applicable Cable: ø0.81/1.0mm

MMCX

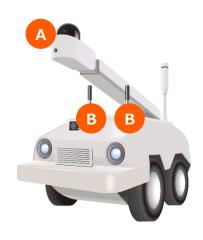


coaxial connector Push on type Applicable Cable: ø1.13/1.32/1.37/1.48mm

HRM(G)



SMA coaxial connector Screw mount type up to 28Ghz



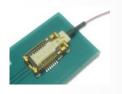


In-line Connection

Optical

BF4M

Optical active connector



Supporting up to 6Gbps

LF Water resistant (IP68)

Shielded

Rated Current:

10A Max.

DF62

Slim In-line



Rated Current: 4A Max.

In-line

DF62W Water resistant (IP67)



Rated Current: 3A Max.

DF63W

Water resistant (IP67)



Rated Current: 14A Max.

HR30

Water resistant (IP68) Push-Pull Lock



Rated Current: 5A Max.

HR₁₀A

Push-Pull lock



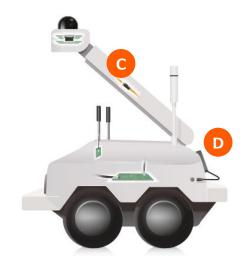
Rated Current: 2A Max.

HR25A

Push-Pull lock



Rated Current: 1A Max.



Battery Application/Interface

Board to Board

Floating structure 17A Max.

FX30B

[USA]



Pitch: 3.81mm

DF60

DF22

Power supply Power supply 45A Max. 30A Max.



Pitch: 10.16mm Pitch: 7.92mm

Board to Wire

DF63







Pitch: 3.96mm Pitch: 3.3mm



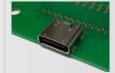
Power supply Power supply

5A Max.

I/O

CX90B1

USB Type C



Transmission Speed: 10Gbps On-board, Robust

IX

Next Generation Ethernet Connector



Transmission Speed: 10Gbps Small, Robust

For more information about Hirose products

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