Domain Controller

1
2

Millimeter Wave Radar

2

LiDAR

2
3
4

1. Interface Connection (High Speed Wire-to-Board)

Noise Resistant
105℃

GT43
Compact,
One Step Crimping
Frequency: 3GHz
Coaxial Cable: 1.5D

USB Type-C

AU1
USB 3.2 Gen2 (10Gbps),
Display Port 1.4, HDMI
Rated Current: 5A Max.
Compliant with USCAR-2 and
USCAR-30 standards

4. Interface Connection (Wire-to-Board)

Robust
125℃

ZE05
Rated Current: 2A
(All Pins Power Supply)
No. of Pos.: 2-24
AWG: 20-26

105℃

GT25
Rated Current: 3A
(All pins Power Supply)
No. of Pos.: 8-40
AWG: 20-26

2. Internal Connection (Floating Board-to-Board, Board-to-Board(FPC), Wire-to-Board)

FunctionMAX

High Speed
Power / Signal
105℃

FX23/FX23L
PCIe Gen.4 (16Gbps)
Pitch : 0.5mm
Stacking Height
8-30mm

Floating Design
Power / Signal
125℃

KP27F
Shielded Type
Pitch: 0.5mm
Stacking Height:
21mm

Floating Design
125℃

BM54
Compact
Pitch: 0.4mm
Stacking Height:
3.0-4.5mm

125℃

DF40T
Low Profile,
Narrow Pitch: 0.4mm
Stacking Height:
1.5-7.0mm
1.5 (Shielded Type: DF40GT)

125℃

GT50
Rated Current:
 1.5A (6-16pos.)
 2.0A (2,4pos.)
No. of Pos.: 2-16
AWG: 28

125℃

KM32A
Rated Current: 5A
No. of Pos.: 2-10
AWG: 20

3. Internal Connection (FPC/FFC, FPC-to-Board)

125℃

FH75/FH75M
Two-point Contact
Pitch: 0.5/0.4mm
Height: 2.0mm
FH75M: 100pos.

Best Selling
125℃
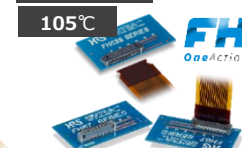
FH52K
Pitch: 0.5/1.0mm
Height: 2.0mm

Top/Bottom Contact
125℃

FH79
Pitch: 0.3mm.
Height: 1.2mm

One Action
105℃

FH63S/FH67
Pitch: 0.5mm
Height: 2.8, 5.2mm

Top/Bottom Contact
125℃

FH69
Independent
Two-Point Contact
Pitch: 0.5mm
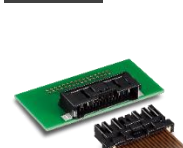Height: 2.3mm

85℃

FH55/FH55M
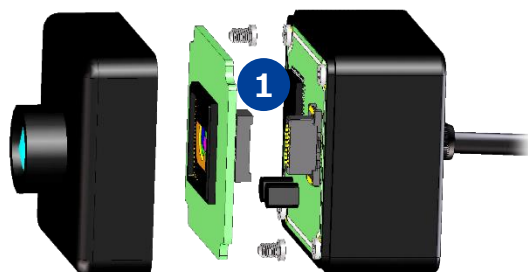PCIe Gen.4 (16Gbps)
Pitch: 0.5/0.4mm
Height: 1.5mm

125℃

FH65
Low Profile,
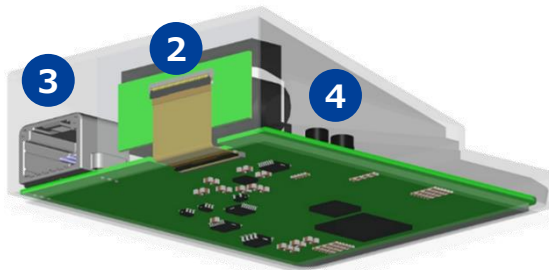Space-saving
Design
Pitch: 0.5mm
Height: 1.2mm

125℃

ZK1
Pitch: 2mm
Rated Current: 1A
No. of Pos.: 32

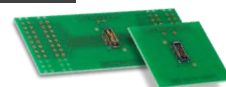**HRS HIROSE ELECTRIC CO., LTD.**

View Camera

Sensing Camera

1. Internal Connection (Floating Board-to-Board, Board-to-Board(FPC))

Floating Design
125℃

BM54
Compact
Pitch: 0.4mm
Stacking Height:3.0-4.5mm

125℃

DF40T
Low Profile,
Narrow Pitch: 0.4mm
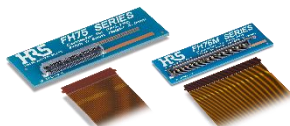Stacking Height: 1.5-7.0mm
1.5 (Shielded Type: DF40GT)

105℃

DF12N
Space-saving Design
Pitch: 0.5mm
Stacking Height: 3-5mm

2. Internal Connection (FPC/FFC, FPC-to-Board)

125℃

FH75/FH75M *FH*
Two-point Contact
Pitch: 0.5/0.4mm
Height: 2.0mm
FH75M: 100pos.

Best Selling
125℃

FH52K *FH*
Pitch: 0.5/1.0mm
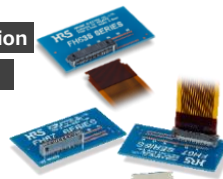Height: 2.0mm

Top/Bottom Contact
125℃

FH79 *FH*
Pitch: 0.3mm.
Height: 1.2mm

One Action
105℃

FH63S/FH67 *FH OneAction*
Pitch: 0.5mm
Height: 2.8, 5.2mm

Top/Bottom Contact
125℃

FH69 *FH*
Independent
Two-Point Contact
Pitch: 0.5mm
Height: 2.3mm

125℃

FH65 *FH*
Low Profile,
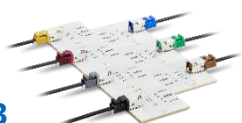Space-saving Design
Pitch: 0.5mm
Height: 1.2mm

125℃

ZK1
Pitch: 2mm
Rated Current: 1A
No. of Pos.: 32

3. Interface Connection (High Speed Wire-to-Board, Wire-to-Board)

Noise Resistant
105℃

GT43
Compact,
One Step Crimping
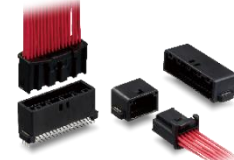Frequency: 3GHz
Coaxial Cable: 1.5D

Robust
125℃

ZE05
Rated Current: 2A
(All Pins Power Supply)
No. of Pos.: 2-24
AWG: 20-26

105℃

GT25
Rated Current: 3A
(All pins Power Supply)
No. of Pos.: 8-40
AWG: 20-26

4. Internal Connection (Coaxial)

105℃

POK15
Wire-to-Board
Mated Height:
14mm
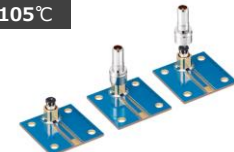V.S.W.R.:
1.5 Max. (0 to 3GHz)

105℃

POK16
Board-to-Board
Mated Height:
7.4mm
V.S.W.R.:
1.5 Max. (0 to 3GHz)

105℃

POK19
Board-to-Board,
Wire-to-Board
Mated Height: 9, 12mm
V.S.W.R.:
1.5 Max. (0 to 6GHz)

105℃

POK22
Floating Design
Mated Height: 16.45mm
V.S.W.R.:
1.49 Max. (0 to 6GHz)