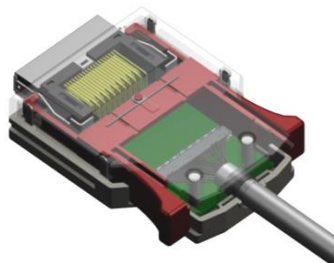


HRS Ultrasound Scanning Transducer Product Lineup

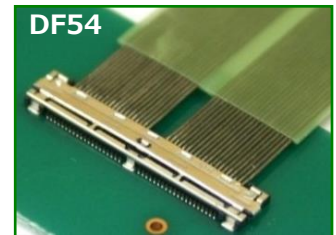
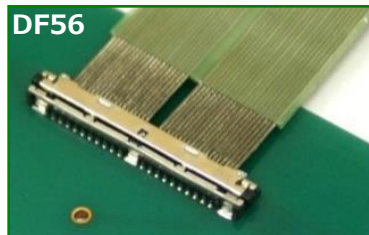
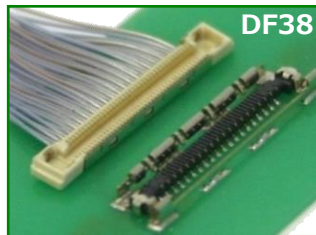
Hirose Electric, as a world leader in the connectivity industry, has been developed a broad innovative electronic connectors over the years since its founding. Hirose's products are available in a variety of sizes, wire terminations, electrical specifications and mounting styles. Please visit our Web site for details of the listed products as well as other related product lines.

Connectors for Head

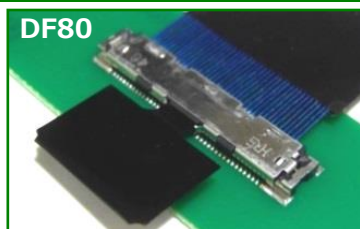
Micro Coaxial Connectors for Cable



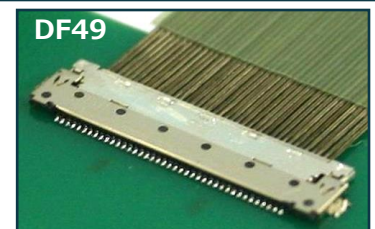
Vertical Mate



Vertical Mate



Horizontal Mate

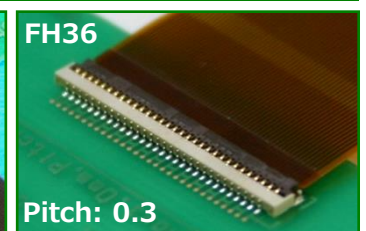
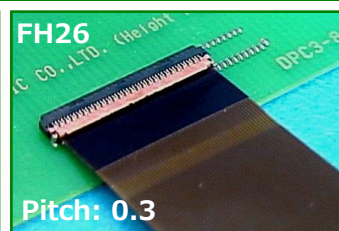
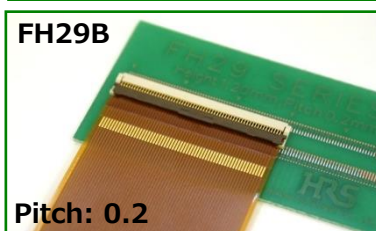
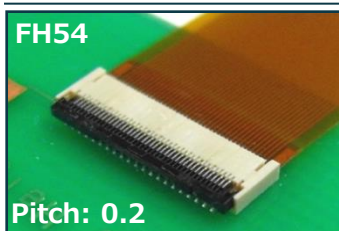


	Pitch/ Mounting Pitch	Mated Height	Depth	Width (40pos.)	Applicable Cable AWG (Max. Jacket Dia.)	No. ofpos.	Others
DF38	0.3/0.6	1.5	3.7	17.0	42-46 (ø0.29)	30, 32, 40	Shielded
DF56	0.3/0.6	1.25	2.6	17.3	42-46 (ø0.30)	(20), (30), 40, 50	Short Depth
DF54	0.35/0.35	0.94	3.7	19.85	42-46 (ø0.35)	(20), (30), 40	Low Profile
DF36	0.4/0.4	1.5	2.8	20.6	42-46 (ø0.33)	15, 20, 25	Short Depth
DF36A	0.4/0.4	1.5	4.4	20.6	42-46 (ø0.33)	15, 25, 30, 40, 45, 50	Shielded
DF80	0.5/0.5	1.72	5.1	26	40-46 (ø0.50)	30, 40, 50	Low Profile
DF81	0.4/0.4	0.9	4.4	22.6	36-46 (ø0.54)	30, 40, 50	Horizontal Mate
DF49	0.4/0.4	0.7	4.83	20.8	40-46 (ø0.31)	20, (30), 40	Horizontal Mate

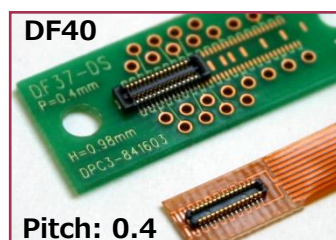
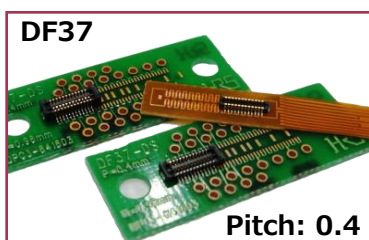
FPC Connectors for Sensor

Top Contact / Back Flip Bottom Contact / Front Flip

*() are under development.
All the dimensions in millimeters



Board-Board Connectors for Sensor

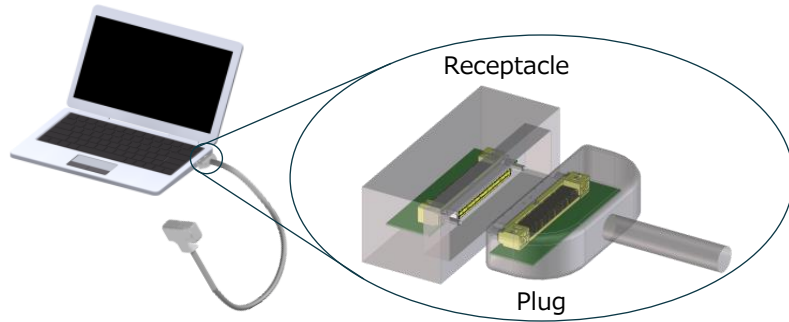
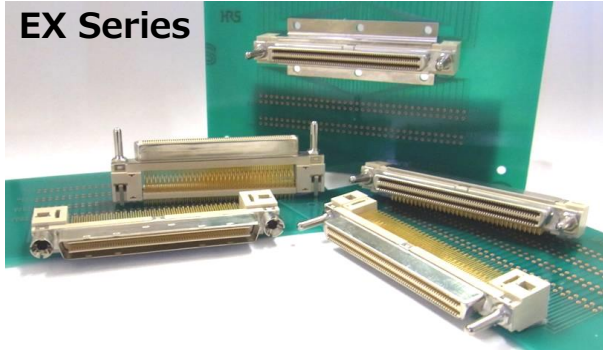


	Pitch/ Mounting Pitch	Stacking Height	Depth	Max.pos.
FH54	0.2/0.4	0.9	3.2	41
FH29B	0.2/0.4	1.2	4.5	120
FH26	0.3/0.6	1.0	3.2	71
FH36	0.3/0.6	0.95	2.7	61
DF37	0.4	0.98	2.98	74
DF40	0.4	1.5-4.0	3.38	100

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

I/O Connector for Portable System

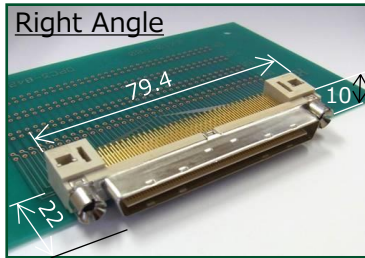
EX Series



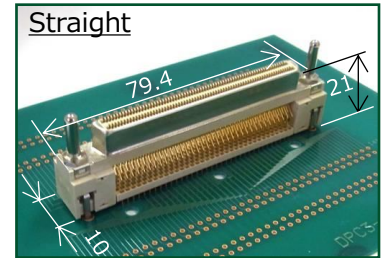
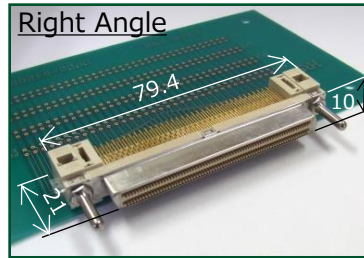
- ✓0.8mm, 280pos.
- ✓High pin-count, yet small size and light weight
- ✓Enhanced grounding structure
- ✓Shielded receptacles are also available

- ✓4-step displaced contact point for lower insertion force with high pin-count
- ✓Floating locator improves mounting efficiency
- ✓Wide variations: Straight & right angle receptacles, w/ or w/o shield

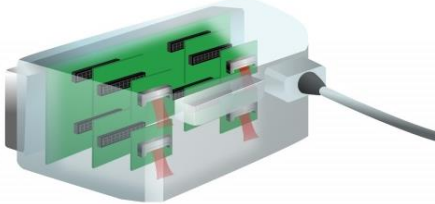
Plug



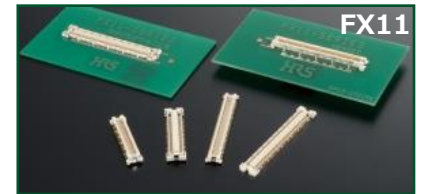
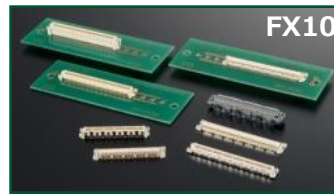
Receptacle



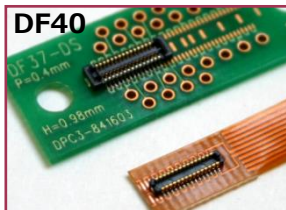
Connectors for I/O Box



Board to Board Connectors



Board to FPC Connectors



Micro-Coaxial Connectors DF36, DF38, DF49, DF56, DF80 (Refer to the previous page)

	Stacking Height	Depth	Max.pos.	Others
FX10	4.0-13.0	7.3	168 (Non-ground plate)	10Gbps high speed transmission (2-piece) 15Gbps high speed transmission (3-piece) Ground plate type
FX11	2.0, 2.5, 3.0	6.2	140 (Non-ground plate)	10Gbps high speed transmission Ground plate type
DF37	0.98/1.5	2.98	74	Short lead type
DF40	1.5-4.0	3.38	100	Short lead type Shielded type

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