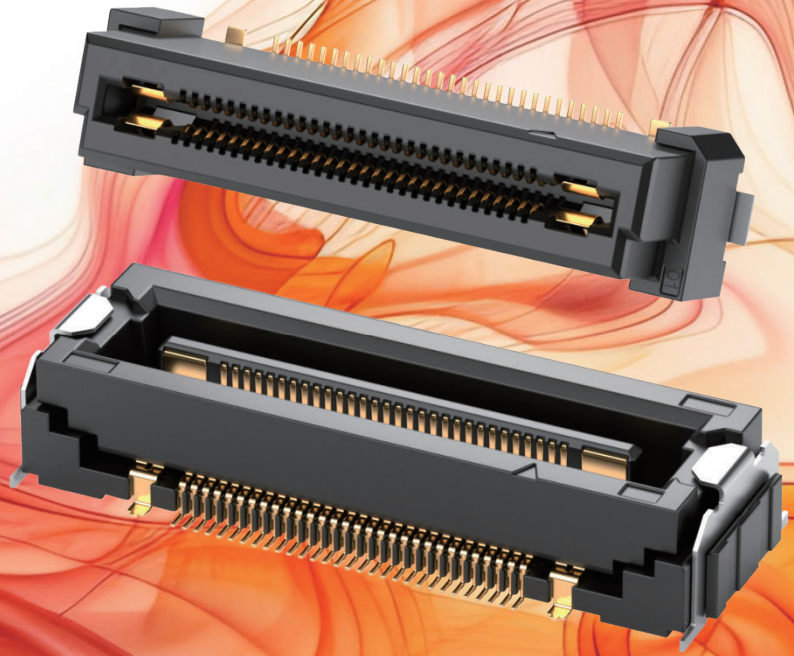
KEL 2025 HEADLINERS

A trusted partner around the world

B.C.E. ELECTRONICS



Creating connections that go beyond

Enriching society through connector technology

Connecting to the future

President and Representative Director of KEL Corporation

Akira Kasuga

KEL is a manufacturer specializing in industrial connectors, founded in 1962.
As a key part of electronic equipment, our products have been adopted in a wide range of markets, from industrial equipment to automotive, imaging, medical and communication equipment, and their scope continues to expand.
KEL places the highest importance on dialogue and deep communication with its customers.
We want to be a corporate group that boldly engages in manufacturing with a spirit of challenge.
Since our founding, we have been aiming to develop products that are full of originality, emphasizing high reliability and high quality, and responding to customer needs with cutting-edge connection technology and flexible response capabilities.
As a company that grows not by competition but by creativity, KEL will continue to develop attractive products and provide them to customers.
With "Be a company that can contribute to the world as a maker of connectors" as our management vision, we aim to be a company that contributes to the development of society through sustainable growth so that people can live more prosperous, more convenient, and more comfortable lives, while giving consideration to the environment, society, and governance.
Please look forward to KEL's attractive product development and creativity.

Thank you and best regards,

ESG Initiatives

Sustainable Vision

E Environment S Society/Workforce G Business/Organization

KEL Corporation will "contribute to an abundant, sustainable society with connector technology."

ENVIRONMENT

Climate action, including resource recycling and nature conservation

Climate action

Recycling/nature conservation

GOVERNANCE

Strengthening governance to increase quality, safety, and customer satisfaction

Governance

Communication with stakeholders

SOCIAL

Building an organization that ensures the well-being of its diverse workforce

Diverse workforce/well-being

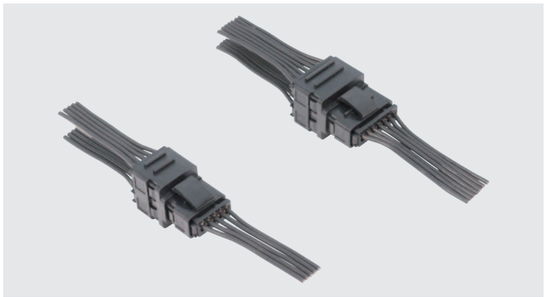
Business efforts to solve social problems

Safe and comfortable local communities

Making products to support lives globally

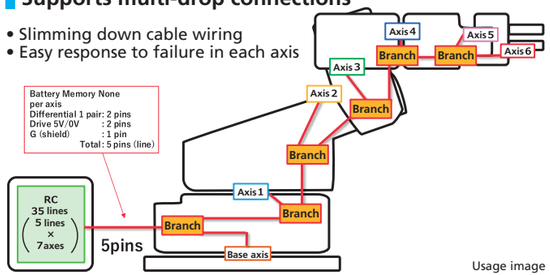
To be released in April 2025 | **Branch Connector for Manipulator**

FK SERIES



Supports multi-drop connections

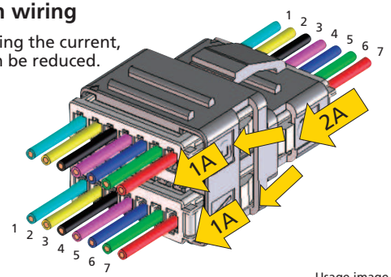
- Slimming down cable wiring
- Easy response to failure in each axis



Usage image

Branch wiring

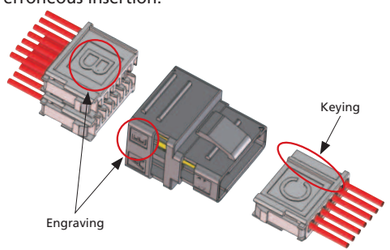
By branching the current, wiring can be reduced.



Usage image

Misinsertion prevention structure

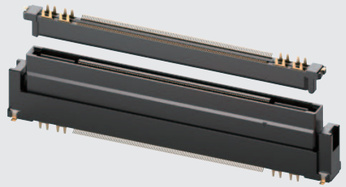
There is keying in three types of housing, and it has a structure to prevent erroneous insertion.



As this is a product under development, the specifications and shape may change without notice.

Product Under Development | **PCIe 5.0 Equivalent High-Speed Transmission Floating Connector**

JB SERIES



Equivalent to ***PCIe5.0***

80A *10A per pin × 8*

Floating ***±1.2mm***

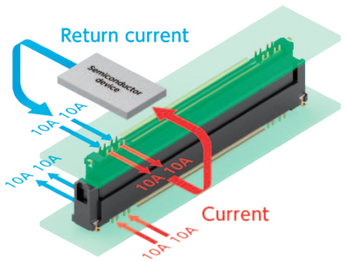
MAX. ***240pins***

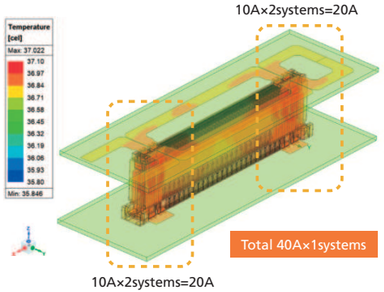
Heat resistant at ***125°C***

Target Specifications

Number of contacts	50–240 pins
Stack height	10, 20, 25, 30mm *Vertical mating under consideration
Floating amount	±1.2 mm in X and Y directions
Operating temperature	-40°C to +125°C (including temperature rise due to energization)
Remarks	Selectable with/without power contacts and shell

Equipped with 10 A x 4 channels





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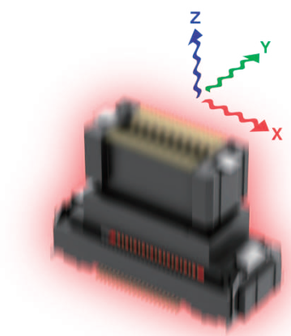
Product Under Development Vibration Resistant, 140°C High Heat-Resistant Floating Connector

JF SERIES



Heat resistant at 140°C

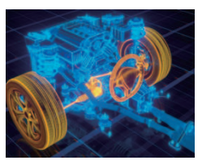
Vibration resistant
(X, Y, and Z directions)

Application

On-board charger

Inverter

DC/DC converter



Electric power steering

Target Specifications

Pitch	0.5mm
Number of contacts	40 pins (10–80 pins)
Stack height	15mm(15–20mm)
Floating amount	±1.0 mm in X and Y directions
Operating temperature	-40°C to +140°C
Contact point	2-point contact

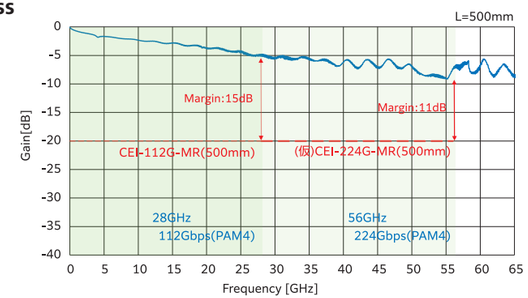
As this is a product under development, the specifications and shape may change without notice.

Product Under Development 224 Gbps (PAM4) Differential Transmission Cable Connector

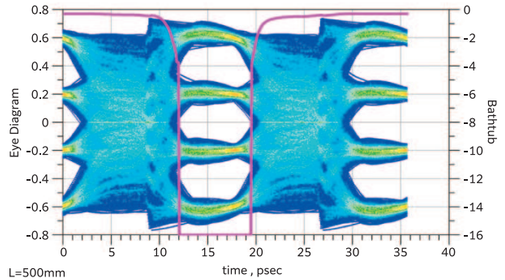
HSP SERIES

In order to contribute to the realization of next-generation networks in the 6G era, KEL has successfully developed a connector for 224 Gbps (PAM4), which is currently the world's highest level of transmission characteristics, by combining its accumulated expertise in high-speed transmission.
This product, which envisions optical networks 10 years in the future, demonstrates our advanced high-speed transmission technology.

Insertion Loss



112Gbps PAM4 EQ(CTLE+DFE)

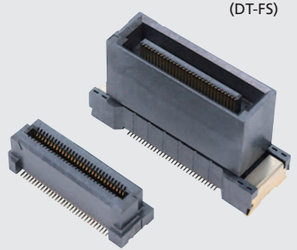


As this is a product under development, the specifications and shape may change without notice.

New Product 0.5 mm Pitch Floating Connector

DT12/13 SERIES

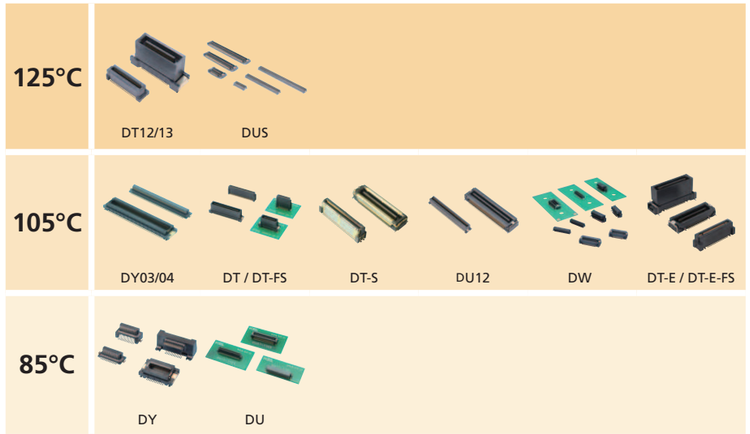
125°C High heat resistance



Receptacle (DT-FS)

Plug (DT12/13)

Lineup of floating connectors by temperature limit



Specifications

Performance	
Rated current	0.4 A per contact
Contact resistance	80 mΩ or less
Dielectric withstand voltage	200 V AC for 1 minute
Insulation resistance	100 MΩ or more at 250 V DC
Operating temperature	-40°C to +125°C

DT12/13 Series Variation List

Connection	Floating amount (X and Y directions)	Stack height	60 pins
Stacked mating	±1.0mm	18mm	○

New Product 0.4 mm Pitch Floating Connector

DUS SERIES

125°C 16G bps

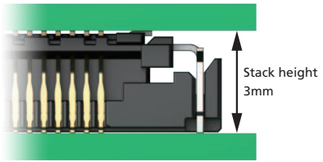
DUS Series Variation List

Connection	Floating amount (X and Y directions)	Stack height	40 pins	80 pins	100 pins	120 pins	140 pins	160 pins	180 pins	200 pins
Stacked mating	±0.4mm	3mm	○	○	○	○	○	○	○	○

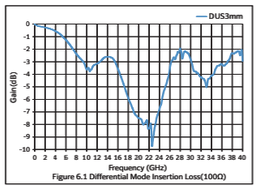
Specifications

Performance	
Rated current	0.4 A per contact (Simultaneous energization shall not exceed 60 pins.)
Contact resistance	80 mΩ or less
Dielectric withstand voltage	200 V AC for 1 minute
Insulation resistance	100 MΩ or more at 250 V DC
Operating temperature	-40°C to +125°C

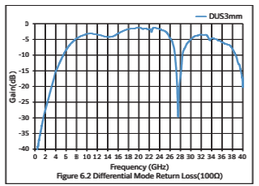
Supports a low profile with a stack height of 3 mm



Transmission characteristics

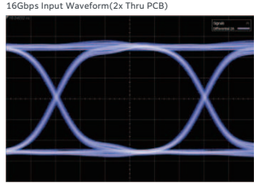


Insertion Loss



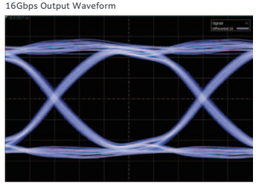
Return Loss

16Gbps Input Waveform(2x Thru PCB)



Eye Pattern Input

16Gbps Output Waveform



Eye Pattern Output

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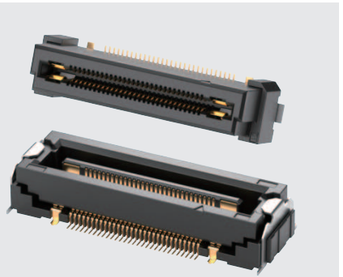
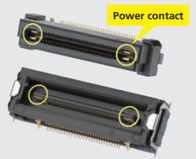
New Product 0.5 mm Pitch Floating Connector with Power Contacts

DT-E / DT-E-FS SERIES

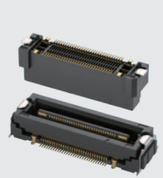
SATA equivalent | 8G bps



Power contact (4 pins)



Connection variation



DT-E SERIES
Stacked mating (8–20 mm)

DT-E-FS SERIES
Stacked mating (18–30 mm)

Specifications

Performance	
Rated current	0.4 A per contact (signal contact) (Simultaneous energization shall not exceed 100 pins.) 6.0 A per contact (power contact)
Contact resistance	80 mΩ or less (signal contact) 20 mΩ or less (power contact)
Dielectric withstand voltage	200 V AC for 1 minute
Insulation resistance	100 MΩ or more at 250 V DC
Operating temperature	-40°C to +105°C

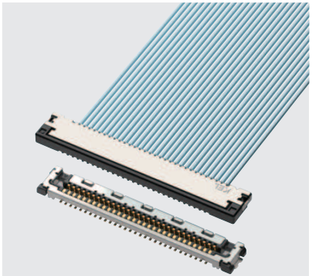
DT-E/DT-E-FS Series Variation List

Connection	Floating amount (X and Y directions)	Stack height	30 pins	40 pins	60 pins	80 pins	100 pins	120 pins	140 pins
Stacked mating	±0.7mm	8mm	○	○	○	○	○	○	○
	±0.7mm	10mm	○	○	○	○	○	○	○
	±0.7mm	15mm	○	○	○	○	○	○	○
	±0.7mm	20mm	○	○	○	○	○	○	○
	±1.2mm	18mm	○	○	○	○	○	○	○
	±1.2mm	20mm	○	○	○	○	○	○	○
	±1.2mm	25mm	○	○	○	○	○	○	○
	±1.2mm	30mm	○	○	○	○	○	○	○

New Product 0.4 mm Pitch Connector for Micro Coaxial Cable

ASLS SERIES

Space-saving | Non-magnetic | 105 °C High heat resistance



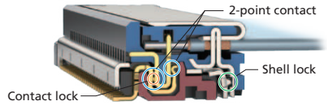
Locking structure and 2-point contact structure

Contact lock
- Great click feel
- Enhancement of downward bending strength

Shell lock
- Great click feel
- Enhancement of upward bending strength

2-point contact structure with high contact reliability

By providing two contact points, the reliability of electric signal transfer is improved.



Mating guide structure

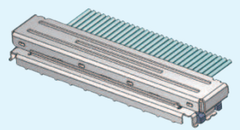
Improvement of mating workability

The easy-to-mate shape improves work efficiency by guiding to the proper mating position.

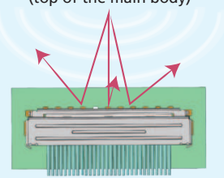
Specifications

Performance	
Rated current	0.25 A per contact
Contact resistance	100 mΩ or less
Dielectric withstand voltage	200 V AC for 1 minute
Insulation resistance	100 MΩ or more at 250 V DC
Operating temperature	-40°C to +105°C
Applicable cable	#42 AWG Micro coaxial cable

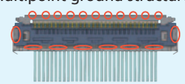
Product Under Development **ASLS EM SERIES** EMC measures enhancement products



EMC image
(top of the main body)



Multipoint ground structure



Full shield design

As this is a product under development, the specifications and shape may change without notice.

Industrial Equipment

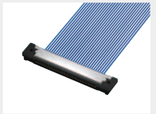
Our products contribute to infrastructure equipment that supports modern people's lives.

Power generation equipment

DT-S

· Main board to sub-board

USLS



· Main board to I/O board

FTC

· Inside of the protection relay unit

8825E

· Main board to display

Rail

DT

· Main board to I/O board

FA

· Main body to unit

8900

· Inside the automatic train control system

ATM

DY

· Main body to bill unit

FA

· Main body to bill unit

8929E

· Main body to bill unit

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Industrial Equipment

Productivity improvements through high-performance semiconductors and automation are essential elements of industrial and technological innovation. We will contribute to the promotion of sustainable industrialization through manufacturing.

Drone

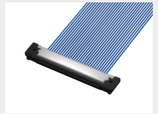
DT

· Signal processing board to RF board

XSLS

· Main board to image processing board

USLS



· Main board to sensor board

FWS

· Main body to motor

FA equipment

DT-E

· Main board to safety function board

DUS

· Main board to radio module board

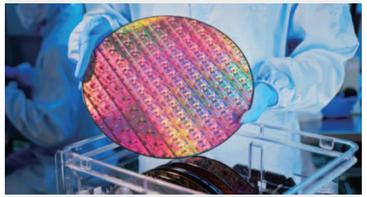
FAS

· Main body to unit

8903N-FS

· Main board to power supply board

Semiconductor manufacturing equipment



DT

· Internal connection of the main body

DY

· Internal connection of the main body

DU

· Main board to tester board

Application

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Automotive Equipment

Adoption in EVs contributes to environmental protection by utilizing clean energy and reducing CO_2 emissions.

Integrated ECU

JB (Product under development)

- Main board to ADAS board

DT

- Main board to AUDIO board

FAS

- Inner panel part

EV

DT

- Battery management system

DT-FS

- On-board charger

DW

- Car navigation system

Drive recorder

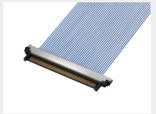
DT-S

- External connection of the main body

DY

- Main board to CPU board

USL



- Front camera board to room camera board

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Image Equipment

Advances in photography equipment have enriched people's lives and contributed to the creation of safe, secure, and livable communities.

Professional camera

DT-E

- Main board to power supply board

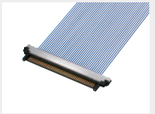
DU

- Main board to sub-board

XSL

- Main board to sensor board

USL



- Main board to sensor board

Single-lens reflex camera

DU

- Main board to power supply board

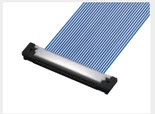
DY

- Main board to power supply board

XSLS

- Main board to liquid crystal monitor

USLS



- Main board to sensor board

Surveillance camera

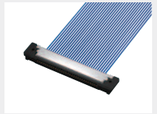
DY

- Main board to I/O board

ASLS

- Main board to sensor board

USLS



- Main board to camera module

FA

- External connection of the main body

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Medical Equipment

The improved performance of the equipment enables precise diagnosis and contributes to the provision of high-quality medical services.

Ultrasonic diagnostic apparatus

DT

- Analog receiving board to image processing board

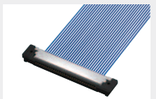
DY

- Analog receiving board to image processing board

XSL

- Probe board to I/F board

USLS



- Probe board to I/F board

CT/MRI

8929E

- Analog receiving board to control board

8822E

- Detection board to control board

Endoscope

DT

- Main board to image processing board

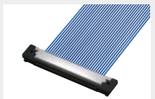
DY

- Main board to image processing board

XSLS

- Scope board to I/F board

USLS



- Scope board to I/F board

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Telecommunication Equipment

With the development of communication infrastructure, the construction of communication networks in public places and over a wide area will facilitate access to various information.

Wireless LAN router

DT

- Main board to I/O board

8800

- Main board to I/O board

8832E-FS

- Main board to I/O board

Relay base station

DT-E

- Main board to antenna board

TSL

- Main board to output board

FA

- Internal connection of the main body

8929E

- Main board to sub-board

PBX

DY

- Main board to sub-board

8900

- Main board to sub-board

8900MS

- Main board to sub-board

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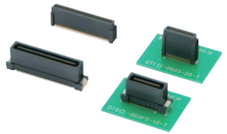
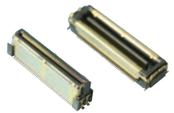
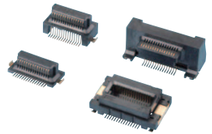
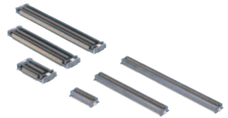
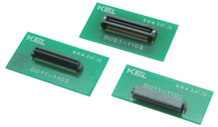
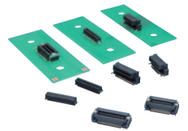
Floating Connector

Equipment to adopt | Industrial Equipment | Automotive Equipment | Image Equipment | Medical Equipment | Telecommunication Equipment

Connection format | Board to Board | Board to Cable | Cable to Cable

Series name	DT-E / DT-E-FS	DT / DT-FS	DT12/13	DT-S			DY / DY03/04	DUS	DU	DW
Product appearance										
Equipment to adopt										
Pitch (mm)	0.5	0.5	0.5	0.5			0.5	0.4	0.4	0.635
Number of contacts	30–140	DT: 30–240 DT-FS: 30–140	60	30, 40, 100			DY: 30–140 DY03/04: 50–140	40–200	80–200	40–60
Rated current (A)/PIN*1	Signal contact: 0.4 Power contact: 6.0	DT: 0.4 DT-FS: 0.5	0.4*2	0.4			DY: 0.4 (when mating straight type) 0.3 (when mating right-angle type) DY03/04: 0.4	0.4	DU: 0.4 DU12: 0.35	0.5
Floating amount (mm) [X and Y directions]	DT-E: ±0.7 DT-E-FS: ±1.2	DT: ±0.5 DT-FS: ±1.0	±1.0*2	±0.5			±0.5	±0.4	±0.4	±0.7
Operating temperature (°C)	-40 to +105	-40 to +105	-40 to +125	-40 to +105			DY: -40 to +85 DY03/04: -40 to +105	-40 to +125	DU: -40 to +85 DU12: -40 to +105	-40 to +105
Remarks	With power contacts SATA standard equivalent (DT-E) 8 Gbps equivalent (DT-E-FS) Effective mating length: 1.5 mm	SATA standard equivalent (DT) 8 Gbps equivalent (DT-FS) Effective mating length: 1.5 mm Multipole support (DT)	High heat resistant type Effective mating length: 1.5 mm	Type with shell (ESD/EMC measures) SATA standard equivalent Effective mating length: 1.5 mm			High heat resistant type (DY03/04) Effective mating length: 1.25 mm	High heat resistant type Effective mating length: 0.8 mm Low profile type (stack height: 3 mm) Multipole support	Effective mating length: 1.2 mm*3 Multipole support	Effective mating length: 1.4 mm
Product details	P.28	P.28	P.28	P.28			P.30	P.30	P.30	P.30

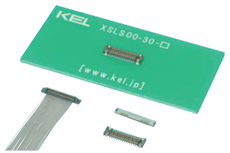
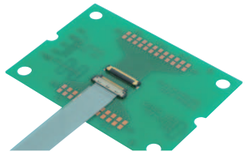
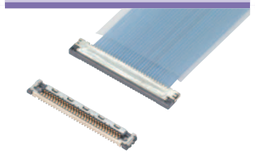
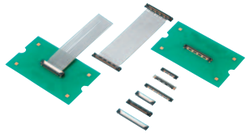
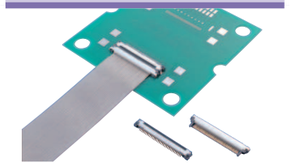
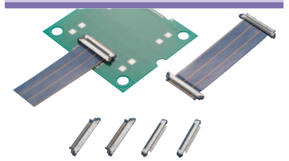
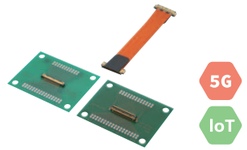
*1 Depending on the number of contacts and mating method, the rated current may be more than the listed current capacity. Please contact our sales representative for details. Please note that the number of contacts for simultaneous energization is limited.
*2 When mated with "DT0□-□□□FS-10-T" on the receptacle side.
*3 For connectors with a stack height of 5 mm, the effective mating length is 1.1 mm.

Connector for Micro Coaxial Cable

Equipment to adopt: Industrial Equipment | Automotive Equipment | Image Equipment | Medical Equipment | Telecommunication Equipment

For: 5G, IoT

Connection format: Board to Board / Board to Cable / Cable to Cable

Series name	XSLS	XSL	ASLS	USLS			USL	SSL	TSL	
Product appearance										
Equipment to adopt										
Pitch (mm)	0.25	0.25	0.4	0.4			0.4	0.5	0.55	
Number of contacts	30, 40, 52	48	30	20, 30, 34, 40			20, 30, 40	10, 20, 30, 40	31	
Rated current (A)/PIN	AWG#44: 0.3 AWG#46: 0.15	0.25	0.25	0.25			0.25	0.3	AWG#30: 1.0 AWG#32: 0.9 AWG#36: 0.6	
Applicable wire size (AWG) (micro coaxial cable)	#44/46	#44/46	#42	#42 *For 34 pins: #40/42/44/46			#42	#40	#30/32/36	
Cable joining method	Soldering	Soldering	IDC	IDC *34 pins: soldering			IDC	IDC	Soldering	
Mating height (mm)	1.44	1.0	1.65	1.65			1.0	1.4	3.25	
Operating temperature (°C)	-40 to +85	-40 to +85	-40 to +105	-40 to +85			-40 to +85	-40 to +85	-40 to +85	
Remarks	Effective mating length: 0.31 mm Space saving by stacked mating	Effective mating length: 0.51 mm	Non-magnetic type Locking mechanism Guide structure Effective mating length: 0.27 mm	Effective mating length: 0.35 mm Space saving by stacked mating			Effective mating length: 0.5 mm	Effective mating length: 0.5 mm PCB side: straight, right angle	High-speed differential transmission (up to 32 Gbps) Locking mechanism PCB side: straight, right angle Effective mating length: 0.5 mm	
Product details	P.34	P.34	P.32	P.32			P.32	P.32	P.34	

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Product List

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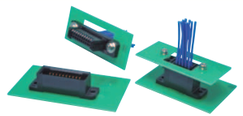
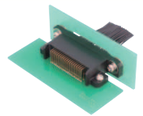
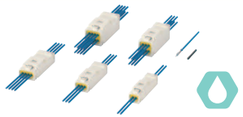
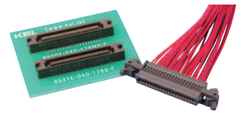
Connector for Crimping Cable

Equipment to adopt: Industrial Equipment | Automotive Equipment | Image Equipment | Medical Equipment | Telecommunication Equipment | Waterproof

Connection format: Board to Board / Board to Cable / Cable to Cable

Series name	FJC	FA	FAS	FTC			FTCS	FW	FWS	8929E
Product appearance										
Equipment to adopt										
Pitch (mm)	0.75	2.5	1.5	5.08			2.5	5.0	2.0	1.27
Number of contacts*1	30	4–40	4–40	6, 10, 12, 20			6, 12, 16, 20	2, 3, 4	2, 3, 4, 6, 8	30–68
Rated current (A)/PIN*2	1.0	3.0	1.5–3.0	7.0–12.0*4			2.0–6.5*5	7.0–10.0	3.0	1.0
Applicable wire size (AWG) (discrete cable)	#28/30 (cable coating outer diameter: ϕ0.5–0.6mm)	#22/24/26/28 (cable coating outer diameter: ϕ0.88–1.70mm)	#24/26/28 (cable coating outer diameter: ϕ0.88–1.14mm)	#14/16/18/20 (cable coating outer diameter: ϕ1.8–3.4mm)			#18/20/22/24/26/28 (cable coating outer diameter: ϕ0.88–2.03mm)	#16/18/20/22 (0.3–1.25sq) (cable coating outer diameter: ϕ1.5–3.1mm)	#22/24/26/28 (0.08–0.3sq) (cable coating outer diameter: ϕ1.0–1.7mm)	#26/28/30 (cable coating outer diameter: ϕ1.0mm or less)
Mating durability (times)	100	Max. 7000*3	Max. 7000*3	100, 500*3			100, 500*3	50	50	500
Operating temperature (°C)	-40 to +85	-40 to +85	-40 to +85	-55 to +105			-55 to +105	-55 to +105	-55 to +105	-40 to +85
Remarks	Locking mechanism Low profile type (mating height: 4.2 mm)	Drawer mechanism Cable relay type available The relay type supports hot swapping.	Drawer mechanism Cable relay type available The relay type supports hot swapping.	Two cables can be crimped. Current transfer between connectors is possible (no terminal block required). Cable relay type available			Two cables can be crimped. Current transfer between connectors is possible (no terminal block required). Cable relay type available	Waterproof (IP67) Locking mechanism Reliable design with 3-point contact Branch-and-relay type available	Waterproof (IP67) Locking mechanism Reliable design with 4-point contact Branch-and-relay type available	Locking mechanism PCB side connector is connectable to a board-to-board connector.
Product details	P.38	P.36	P.36	P.36			P.36	P.38	P.38	P.38

*1 The number of contacts and types will be added sequentially, so please contact us.
*2 The applicable range of the rated current depends on the cable size and the number of energized contacts. Consult our sales representative in advance.
*3 The mating durability varies depending on the combination of mating and contacts. Consult our sales representative in advance.
*4 Rated current when all contacts are energized using 12 pins.
*5 Rated current when all contacts are energized using 20 pins.

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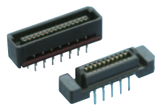
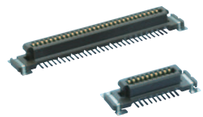
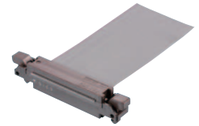
Product List

Half Pitch Connector

Equipment to adopt | Industrial Equipment | Automotive Equipment | Image Equipment | Medical Equipment | Telecommunication Equipment

Connection format | Board to Board | Board to Cable | Cable to Cable

Series name	8800	8832E-FS	8806/8807	8822E/8822	8825E			8900	8900MS	8903N-FS	8925E
Product appearance											
Equipment to adopt											
Pitch (mm)	1.27	1.27	1.27	1.27	1.27			1.27	1.27	1.27	1.27
Number of contacts	20–100	20–100	120–200	[8822E]20–100 [8822]20–68	20–100			20–120	20–120	40–100	20–100
Rated current (A)/PIN*1	0.8–1.0 (power contact: 2.0)	0.5	0.5	1.0	0.8–1.0			0.5	0.5	0.5	0.5
Applicable wire size (AWG) (flat cable)	—	—	—	#28	#30			—	—	—	#30
Cable joining method	—	—	—	IDC	IDC			—	—	—	IDC
Operating temperature (°C)	-55 to +85	-55 to +85	-55 to +85	-55 to +85	-55 to +85			-55 to +85	-55 to +85	-55 to +85	-55 to +85
Remarks	Board to board Connector with power contacts available Horizontal, vertical, stacked	Board to board High stack support (stack height: 20–30 mm)	Board to board Multipole support Horizontal, vertical, stacked	Board to cable Locking mechanism Joins #28 AWG flat cables with two layers by IDC.	Board to cable Locking mechanism Daisy chain support			Board to board Horizontal, vertical, stacked Low profile type (stack height: 7–12 mm)	Board to board SMT support product Low profile type (stack height: 7–8 mm)	Board to board High stack support (stack height: 20–32 mm)	Board to cable Locking mechanism Daisy chain support Low profile type (mating height: 11.8 mm)
Product details	P.40	P.40	P.40	P.40	P.40			P.42	P.42	P.42	P.42

*1 Depending on the number of contacts, mating method, pin assignment, etc., the rated current may be more than the listed current capacity. Please consult with our sales representative.

Product List

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Battery Connector

Equipment to adopt | Industrial Equipment | Automotive Equipment | Image Equipment | Medical Equipment | Telecommunication Equipment

Series name	GC	GD	GF
Product appearance			
Equipment to adopt			
Pitch (mm)	5.0	3.0	2.0
Number of contacts	3, 4, 5, 6, 8, 10	4, 5, 6, 8, 10	GF0□ / GF1□: 8 GF2□ / GF31: 8, 10
Rated current (A)/PIN*1	GC: DC5.0 (2 contacts, max.)	GD: DC5.0 (2 contacts at both ends only)	When GF0□ and GF1□ are mated: 7 (2 contacts), 0.5 (other contacts) When GF2□ and GF31□ are mated: 5 (2 contacts), 0.5 (other contacts)
Product type	One-piece	One-piece	Two-piece
Operating temperature (°C)	-55 to +85	-55 to +85	-55 to +85
Remarks	DIP type Standard type Reverse type Mating cycle: 10,000 times*2	DIP type Standard type Reverse type Mating cycle: 5,000 times*3	DIP type, SMT type Low profile type available Mating cycle: 5,000 times Supports horizontal and vertical mating
Product details	P.43	P.43	P.43

*1 The rated current varies depending on the number of energized contacts and contact parts. Consult our sales representative in advance.
*2 Replace the mating electrode after 1,000 times. The mating electrode must be nickel-plated.
*3 Replace the mating electrode after 1,000 times. The mating electrode must be gold-plated.

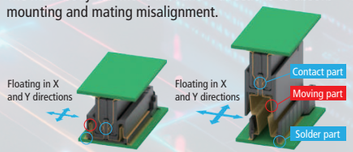
memo

Floating power to absorb misalignment and create trust

Floating connectors provide secure connections and expand connectivity possibilities into the future.

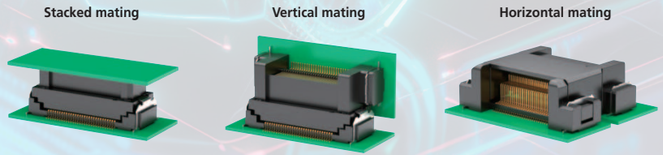
Connector absorbs misalignment during mounting and mating

The main body can move in X and Y directions to absorb mounting and mating misalignment.



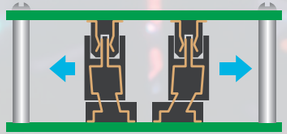
Mating method suitable for board configuration is selectable

DT SERIES mating method



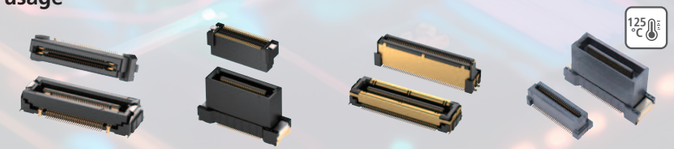
More freedom in design by mounting multiple connectors

The floating structure reduces the load during assembly.
The degree of freedom in design and assembly is increased.



Mating error is absorbed by floating mechanism

Extensive lineup of products that can be selected according to usage



DT-E / DT-E-FS SERIES
Type with power contacts

DT / DT-FS SERIES
High stack type

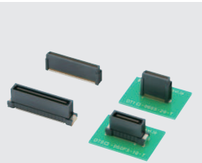
DT-S SERIES
ESD/EMC measure type with shell

DT12/13 SERIES
High heat resistant type

DT / DT-FS SERIES

0.5 mm Pitch Floating Connector, High Stack Type

For more information on DT: For more information on DT-FS: YouTube



Pitch	Connection	Number of contacts	Upper temperature limit	Mating method
0.5 mm	BtoB	30-240	105 °C	Stacked, Vertical, Horizontal

Mounting method	Floating amount		Stack height
SMT	±0.5 mm	±1.0 mm	8-30 mm

Effective mating length	Transmission	
1.5 mm	SATA equivalent	8G bps

DT-E / DT-E-FS SERIES

0.5 mm Pitch Floating Connector, High Stack Type with Power Contacts

For more information on DT-E: For more information on DT-E-FS:

Pitch	Connection	Number of contacts	Upper temperature limit	Mating method
0.5 mm	BtoB	30-140	105 °C	Stacked

Mounting method	Floating amount		Stack height
SMT	±0.7 mm	±1.2 mm	8-30 mm

Effective mating length	Transmission		Other features
1.5 mm	SATA equivalent	8G bps	Power contacts

DT12/13 SERIES

0.5 mm Pitch Floating Connector, High Heat Resistant Type

For more information

Pitch	Connection	Number of contacts	Upper temperature limit	Mating method
0.5 mm	BtoB	60	125 °C	Stacked

Mounting method	Floating amount	Stack height
SMT	±1.0 mm	18 mm

Effective mating length
1.5 mm

DT-S SERIES

0.5 mm Pitch Floating Connector with Shell

For more information

Pitch	Connection	Number of contacts	Upper temperature limit	Mating method
0.5 mm	BtoB	30/40/100	105 °C	Stacked, Vertical

Mounting method	Floating amount	Stack height
SMT	±0.5 mm	10 mm

Effective mating length	Transmission	Other features
1.5 mm	SATA equivalent	ESD EMC

Reliable connection by floating technology

Floating is reliable connection technology that works in various markets.

Adopted in many devices including the automotive market

Supports a wide range of stack heights from 5 mm to 14 mm

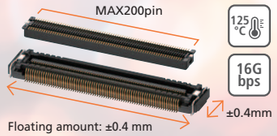
DY SERIES
0.5 mm pitch
Floating amount: ±0.5 mm in X and Y directions

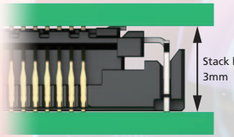
Supports overseas production and OUT-OUT supply

DW SERIES
0.635 mm pitch
Floating amount: ±0.7 mm in X and Y directions

Supporting the needs for 3 mm stack height, 200 pins, and low profile x multipole

The DUS series supports a low stack height of 3 mm and a wide range of contacts from a minimum of 40 pins to a maximum of 200 pins.





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DY / DY03/04 SERIES

0.5 mm Pitch Floating Connector, High Heat Resistant Type

For more information on DY:

For more information on DY03/04:

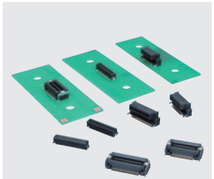
Pitch	Connection	Number of contacts	Mating method
0.5 mm	BtoB	30-140	Stacked / Vertical

Mounting method	Floating amount	Stack height
SMT	±0.5 mm	5-14 mm

Upper temperature limit		Effective mating length
85 °C	105 °C	1.25 mm

DW SERIES

0.635 mm Pitch Floating Connector



Pitch	Connection	Number of contacts	Upper temperature limit	Mating method
0.635 mm	BtoB	40-60	105 °C	Stacked / Vertical

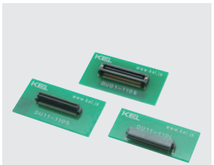
Mounting method	Floating amount	Stack height
SMT	±0.7 mm	6.3/10/15 mm

Effective mating length
1.4 mm

DU SERIES

0.4 mm Pitch Floating Connector

For more information



Pitch	Connection	Number of contacts	Upper temperature limit	Mating method
0.4 mm	BtoB	80-200	105 °C	Stacked / Vertical

Mounting method	Floating amount	Stack height
SMT	±0.4 mm	5/7 mm

Effective mating length
1.2 mm

DUS SERIES

0.4 mm Pitch Floating Connector, High Heat Resistant, High Speed Transmission, and Low Profile Type

For more information

Pitch	Connection	Number of contacts	Upper temperature limit	Mating method
0.4 mm	BtoB	40-200	125 °C	Stacked

Mounting method	Floating amount	Stack height
SMT	±0.4 mm	3 mm

Effective mating length	Transmission
0.8 mm	16G bps

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Maximum performance in limited space

Connectors for micro coaxial cable combining miniaturization and high performance.

Ideal for equipment requiring resistance to bending and twisting

Suitable for wiring inside devices with moving parts such as surveillance cameras.

Harness assembly and custom-made processing are also supported.

We provide harness products by collectively managing parts procurement, assembly, and quality.

[Cable protection example]
Tape pasting

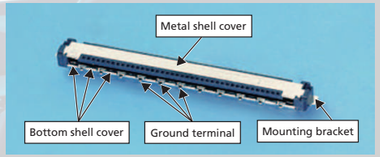
[Cable bundling example]
PTFE tape bundle

[Cable bundling example]
Shrinkable tube bundle

[Cable bundling example]
Partial tape bundle

Noise-resistant design

Metal shell cover and multipoint ground provide excellent noise resistance.



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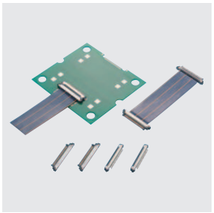
SSL SERIES

0.5 mm Pitch Connector for Micro Coaxial Cable

For more information

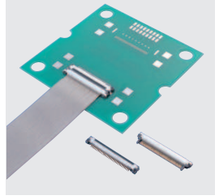


Pitch	Connection	Number of contacts	Upper temperature limit	Mating method
0.5 mm	BtoC	10/20/30/40	85 °C	PCB side: right angle Cable: horizontal / PCB side: straight Cable: vertical
Mounting method	**Mating height**	**Applicable cable**		
SMT	1.4 mm	AWG #40		
Cable Connection	**Effective mating length**			
IDC	0.5 mm			

USL SERIES

0.4 mm Pitch Connector for Micro Coaxial Cable

For more information

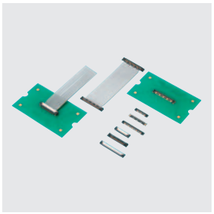


Pitch	Connection	Number of contacts	Upper temperature limit	Mating method
0.4 mm	BtoC	20/30/40	85 °C	PCB side: right angle Cable: horizontal
Mounting method	**Mating height**	**Applicable cable**		
SMT	1.0 mm	AWG #42		
Cable Connection	**Effective mating length**			
IDC	0.5 mm			

USLS SERIES

0.4 mm Pitch Connector for Micro Coaxial Cable, Stacked Mating Type

For more information

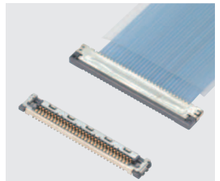


Pitch	Connection	Number of contacts	Upper temperature limit	Mating method
0.4 mm	BtoC	20/30/34/40	85 °C	PCB side: straight Cable: horizontal
Mounting method	**Mating height**	**Applicable cable**		
SMT	1.65 mm	AWG #40/42/44/46		
Cable Connection	**Effective mating length**			
IDC	Soldering	0.35 mm		

ASLS SERIES

0.4 mm Pitch Connector for Micro Coaxial Cable, Stacked Mating Type

For more information YouTube



Pitch	Connection	Number of contacts	Upper temperature limit	Mating method
0.4 mm	BtoC	30	105 °C	PCB side: straight Cable: horizontal
Mounting method	**Mating height**	**Applicable cable**		
SMT	1.65 mm	AWG #42		
Cable Connection	**Effective mating length**	**Other features**		
IDC	0.27 mm	Locking mechanism / Non-magnetic		

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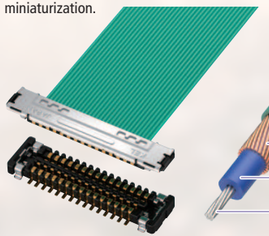
Ultra-compact, high-speed transmission

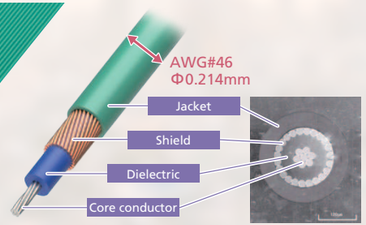
Micro coaxial cable connectors supporting next-generation technologies.

0.25 mm pitch contributes to further miniaturization.

The 0.25 mm pitch XSL and XSLS series contribute to devices that require further miniaturization.

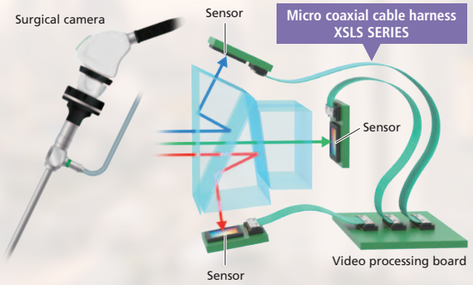


XSLS SERIES



Internal structure of micro coaxial cable

Adoption example



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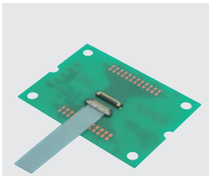
XSL SERIES

0.25 mm Pitch Connector for Micro Coaxial Cable

For more information



Pitch	Connection	Number of contacts	Upper temperature limit	Mating method
0.25 mm	BtoC	48	85 °C	PCB side: right angle Cable: horizontal

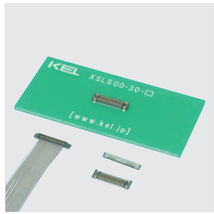
Mounting method	Mating height	Applicable cable
SMT	1.0 mm	AWG #44/46

Cable Connection	Effective mating length
Soldering	0.51 mm

XSLS SERIES

0.25 mm Pitch Connector for Micro Coaxial Cable, Stacked Mating Type

For more information



Pitch	Connection	Number of contacts	Upper temperature limit	Mating method
0.25 mm	BtoC	30/40/52	85 °C	PCB side: straight Cable: horizontal

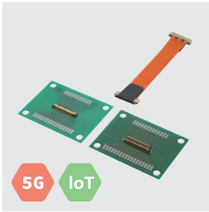
Mounting method	Mating height	Applicable cable
SMT	1.44 mm	AWG #44/46

Cable Connection	Effective mating length
Soldering	0.31 mm

TSL SERIES

0.55 mm Pitch High-Performance Coaxial Harness

For more information YouTube



Pitch	Connection	Number of contacts	Upper temperature limit	Mating method
0.55 mm	BtoC	31	85 °C	PCB side: right angle Cable: horizontal

Mounting method	Mating height	Applicable cable	Other features
SMT	3.25 mm	AWG #30/32/36	Locking mechanism

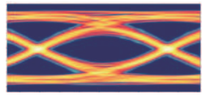
Cable Connection	Effective mating length	Transmission
Soldering	0.5 mm	32G bps 5G IoT

PCB side: straight Cable: vertical

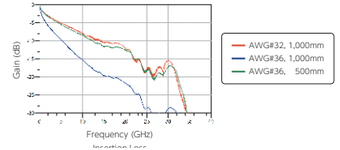
TSL SERIES features

32 Gbps differential high-speed transmission is possible.

The TSL series is a next-generation harness that enables differential high-speed transmission of 32 Gbps with a harness length of 1,000 mm. The TSL series enables 10 pairs of differential transmission with 0.55 mm pitch and 31 pins (#32 AWG coaxial 20-wire connection), and 320 Gbps transmission is possible with one harness. High-speed signal support is realized by low loss and low skew.



32Gbps Eye Diagram RUOTA 1,000mm
* De-emphasis : -3.5dB, Equalizer : Non



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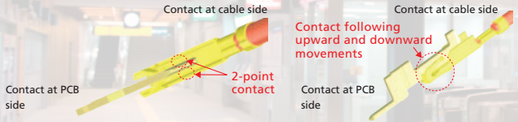
Enabling efficient assembly and high reliability

Crimping cable connectors with easy and reliable connection.

Pinching 2-point contact excellent in contact reliability

The pinching 2-point contact improves contact reliability and prevents instantaneous disconnection by enabling the contacts to follow movement.

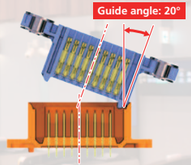
FA / FAS / FTC / FTCS SERIES



Supports guide angles up to 20° for smooth mating

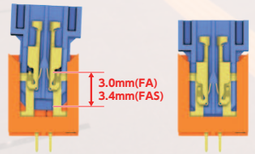
Since contacts are contacted after the connector aligns straight, deformation and buckling of the contacts are prevented.

FA / FAS SERIES



Effective mating length for improving contact reliability

Although the structure is easy to insert and remove, the long effective mating length provides high contact reliability.



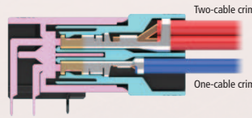
Effective mating length

FA SERIES: 3.0mm
FAS SERIES: 3.4mm

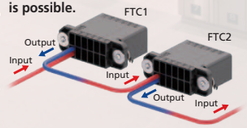
One-cable crimping or two-cable crimping can be selected.

Either one-cable crimping or two-cable crimping can be used to insert the contact into the desired location.

FTC / FTCS SERIES



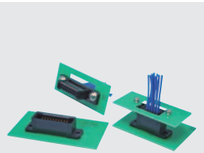
Connection wiring between connectors is possible.



FA SERIES

2.5 mm Pitch Crimp Cable Connector, Drawer Type

For more information

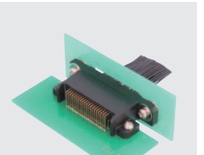


Pitch	Connection		Number of contacts	Mating method
2.5 mm	BtoC	CtoC	4-40	PCB side: straight Cable: vertical
Mounting method	**Upper temperature limit**	**Applicable cable**		Cable relay
DIP	85 °C	AWG #22/24/26/28		
Cable Connection	**Effective mating length**	**Other features**		
Crimping	3.0 mm	Drawer	Hot swap	

FAS SERIES

1.5 mm Pitch Crimp Cable Connector, Drawer Type

For more information

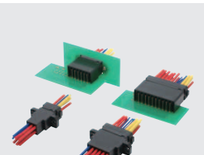


Pitch	Connection		Number of contacts	Mating method
1.5 mm	BtoC	CtoC	4-40	PCB side: right angle Cable: horizontal
Mounting method	**Upper temperature limit**	**Applicable cable**		PCB side: straight Cable: vertical
DIP	85 °C	AWG #24/26/28		Cable relay
Cable Connection	**Effective mating length**	**Other features**		
Crimping	3.4 mm	Drawer	Hot swap	

FTC SERIES

5.08 mm Pitch Crimp Cable Connector, Two Cable Crimpable Type

For more information



Pitch	Connection		Number of contacts	Mating method
5.08 mm	BtoC	CtoC	6/10/12/20	PCB side: right angle Cable: horizontal
Mounting method	**Upper temperature limit**	**Applicable cable**		PCB side: straight Cable: vertical
DIP	105 °C	AWG #14/16/18/20		Cable relay
Cable Connection	**Effective mating length**	**Other features**		
Crimping	3.0 mm	Drawer / Locking mechanism / Two-cable crimp		

FTCS SERIES

2.5 mm Pitch Crimp Cable Connector, Two Cable Crimpable Type

For more information

Pitch	Connection		Number of contacts	Mating method
2.5 mm	BtoC	CtoC	6/12/16/20	PCB side: right angle Cable: horizontal
Mounting method	**Upper temperature limit**	**Applicable cable**		PCB side: straight Cable: vertical
DIP	105 °C	AWG #18/20/22/24/26/28		Cable relay
Cable Connection	**Effective mating length**	**Other features**		
Crimping	1.1 mm	Locking mechanism	Two-cable crimp	

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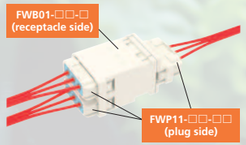
Waterproof connectors for diverse connection needs

Branch-and-relay connector reduces the number of parts and facilitates wiring.

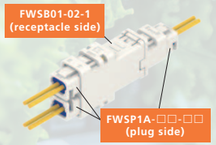
Flexible design with branch-and-relay type

Branch and relay connections reduce the number of parts and reduce wiring.

FW SERIES branch and relay connection



FWS SERIES branch and relay connection



Robust locking structure with click feel

When locked, it has a click feel, which facilitates secure mating.

FW SERIES

Lock: insert

Unlock: removal

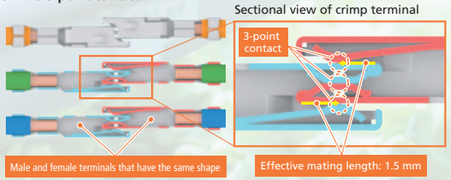
FWS SERIES

Lock: insert

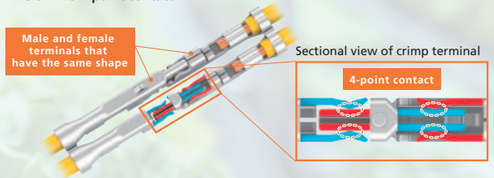
Unlock: removal

Multipoint contact for stable connection

FW SERIES 3-point contact



FWS SERIES 4-point contact



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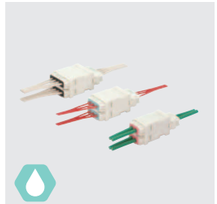
FW SERIES

5.0 mm Pitch Crimp Cable Connector, IP67 Support Waterproof Type

For more information

YouTube



Pitch	Connection	Number of contacts	Upper temperature limit	Mating method
5.0 mm	CtoC	2/3/4	105 °C	Cable relay, Cable branch and relay

Applicable cable	Cable Connection
AWG #16/18/20/22	Crimping

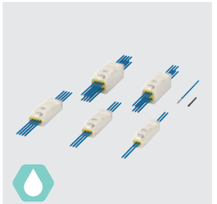
Effective mating length	Other features		
1.5 mm	Waterproof IP67	Locking mechanism	Branch and relay

FWS SERIES

2.0 mm Pitch Crimp Cable Connector, IP67 Support Waterproof Type

For more information

YouTube



Pitch	Connection	Number of contacts	Upper temperature limit	Mating method
2.0 mm	CtoC	2/3/4/6/8	105 °C	Cable relay, Cable branch and relay

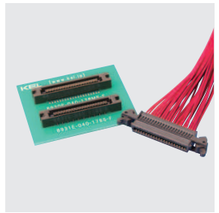
Applicable cable	Cable Connection
AWG #22/24/26/28	Crimping

Effective mating length	Other features		
0.8 mm	Waterproof IP67	Locking mechanism	Branch and relay

8929E SERIES

1.27 mm Pitch Crimp Cable Connector

For more information



Pitch	Connection	Number of contacts	Upper temperature limit	Mating method
1.27 mm	BtoC	30-68	85 °C	PCB side: right angle Cable: horizontal, PCB side: straight Cable: vertical

Mounting method		Applicable cable
SMT	DIP	AWG #26/28/30

Cable Connection	Effective mating length	Other features
Crimping	1.2 mm	Locking mechanism

FJC SERIES

0.75 mm Pitch Crimp Cable Connector

For more information

Pitch	Connection	Number of contacts	Upper temperature limit	Mating method
0.75 mm	BtoC	30	85 °C	PCB side: right angle Cable: horizontal

Mating height	Mounting method	Applicable cable
4.2 mm	SMT	AWG #28/30

Cable Connection	Effective mating length	Other features
Crimping	0.576 mm	Locking mechanism

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KEL's half pitch connectors: reliable connection for supporting industrial equipment

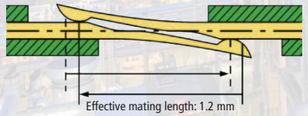
Rugged, reliable 88 series

2-point contact straight beam system

Independent 2-point contact maintains constant contact pressure to improve contact reliability.

Self-cleaning structure preventing conduction failure

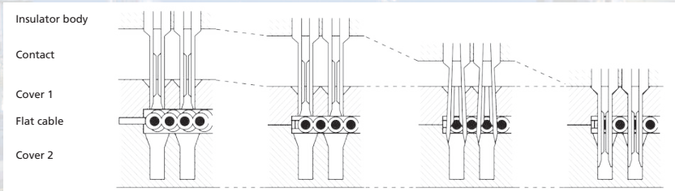
Contact points move each other, which removes film and dirt to prevent conduction failure.



Highly reliable and unique IDC method

IDC connection mechanism

8825E SERIES



Stage1
Hold the cable from both sides with the holding force of cover 1 press-fitted to the tip of the contact.

Stage2
As pressure is applied, the cable is adjusted to the pitch of cover 1 and cover 2 and aligned.

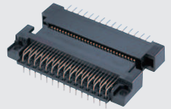
Stage3
With further pressure applied, cover 1 loses its holding force with the tip of the contact, and the contact is guided to the cable conductor while being moved and press-fitted.

Stage4
When the connecting operation is completed, cover 1 and the contact are completely press-fitted to the predetermined position. In addition, the contact tip spread by cover 2 is displaced to form a gas tight termination.

8800 SERIES

1.27 mm Pitch Connector

For more information

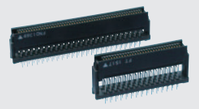


Pitch: 1.27 mm
Connection: BtoB
Number of contacts: 20-100
Upper temperature limit: 85 °C
Mounting method: DIP
Stack height: 14.1 mm
Other features: Power contacts
Mating method: Stacked, Vertical, Horizontal

8832E-FS SERIES

1.27 mm Pitch Connector, High Stack Type

For more information



Pitch: 1.27 mm
Connection: BtoB
Number of contacts: 20-100
Upper temperature limit: 85 °C
Mounting method: DIP
Stack height: 20-30 mm
Mating method: Stacked

8806/8807 SERIES

1.27 mm Pitch Connector, Multipole Type

For more information

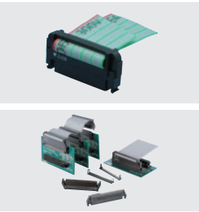
Pitch: 1.27 mm
Connection: BtoB
Number of contacts: 120-200
Upper temperature limit: 85 °C
Mounting method: DIP
Stack height: 17.1 mm
Mating method: Stacked, Vertical, Horizontal

8822E/8822 SERIES
8825E SERIES

1.27 mm Pitch Connector, Flat Cable Support

For more information on 8822E/8822

For more information on 8825E



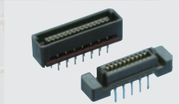
Pitch: 1.27 mm
Connection: BtoC
Number of contacts: 20-100
Upper temperature limit: 85 °C
Mounting method: DIP
Applicable cable: AWG #28/30
Cable Connection: IDC
Other features: Locking mechanism
Mating method: PCB side: straight Cable: horizontal; PCB side: right angle Cable: vertical

Provide high reliability with rich variations

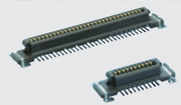
89 series connectors offer reliability and design versatility with flexible variations.

Various connection variations that can be selected depending on the application

Board to board



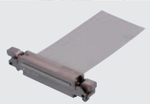
8900 SERIES
DIP type



8900MS SERIES
SMT type

8903N-FS SERIES
High stack type

Board to cable



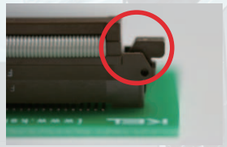
8925E SERIES
Cable IDC connection type

8929E SERIES
Cable crimping connection type

Eject lock mechanism that can be inserted and removed with one hand

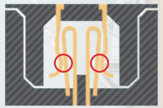
Can be operated with one hand, and the operability of insertion and removal is greatly improved.

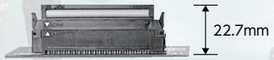
8925E/8929E SERIES



Contact-following single-point contact system

Both plug and receptacle contacts are provided with followability to ensure high contact reliability while maintaining single-point contact. Achieved about half the size of the 88 series.





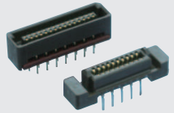
8825E/8830E

8925R/8931E

8900 SERIES

1.27 mm Pitch Connector, Low Profile Type

For more information

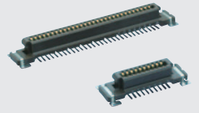


Pitch	Connection	Number of contacts	Upper temperature limit	Mating method
1.27 mm	BtoB	20-120	85 °C	Stacked / Vertical / Horizontal
Mounting method	**Stack height**			
DIP	7-12 mm			

8900MS SERIES

1.27 mm Pitch Connector, Low Profile Type, SMT Support Product

For more information



Pitch	Connection	Number of contacts	Upper temperature limit	Mating method
1.27 mm	BtoB	20-120	85 °C	Stacked / Vertical
Mounting method	**Stack height**			
SMT	7-8 mm			

Supported when mated with 8900 series

8903N-FS SERIES

1.27 mm Pitch Connector, High Stack Type

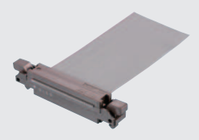
For more information

Pitch	Connection	Number of contacts	Upper temperature limit	Mating method
1.27 mm	BtoB	40-100	85 °C	Stacked
Mounting method	**Stack height**			
DIP	20-32 mm			

8925E SERIES

1.27 mm Pitch Connector, Low Profile Type, Flat Cable Support

For more information



Pitch	Connection	Number of contacts	Upper temperature limit	Mating method
1.27 mm	BtoC	20-100	85 °C	PCB side: straight Cable: horizontal / PCB side: right angle Cable: vertical
Mounting method		**Applicable cable**	**Cable Connection**	
SMT	DIP	AWG #30	IDC	
Other features				
Locking mechanism				

Quality delivered by KEL with peace of mind for battery connection

GC / GD SERIES

- Contact structure with self-cleaning mechanism
- Guaranteed mating cycle: 10,000 times for GC, 5,000 times for GD

*There are certain conditions for the specifications of the mating electrode.

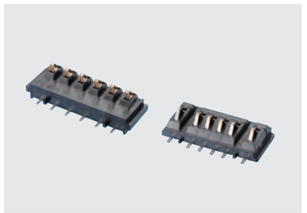
GF SERIES

- Guarantees mating cycle of 5,000 times
- Supports hot swapping

GC / GD SERIES

5.0 mm Pitch/3.0 mm Pitch One-Piece Battery Connector

For more information



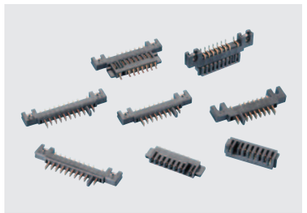
Pitch		Number of contacts	Upper temperature limit
5.0 mm	3.0 mm	3-10	85 °C

Mounting method	Other features		
DIP	1-piece	Standard	Reverse

GF SERIES

2.0 mm Pitch Two-Piece Battery Connector

For more information



Pitch	Number of contacts	Upper temperature limit
2.0 mm	8/10	85 °C

Mounting method		Other features	
SMT	DIP	2-piece	Hot swap

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Product Launch Timeline

Floating Connector | Connector for Micro Coaxial Cable | Connector for Crimping Cable | Half Pitch Connector | Battery Connector

1962 — 2025

8800 Series 1984	8900 Series 1990	8900MS Series 1991	8822E / 8822 Series 1992	8832E-FS Series 1993
8825E Series 1998	8806/8807 Series 1998	GD Series 1997	8925E Series 1995	GC Series 1994
GF Series 2001	SSL Series 2002	8903N-FS Series 2003	USL Series 2004	DY Series 2005
XSLS Series 2011	DW Series 2011	FA Series 2010	XSL Series 2009	USLS Series 2005
8929E Series 2014	DT Series 2015	FAS Series 2015	DU Series 2017	FTC Series 2017
FWS Series 2021	TSL Series 2020	DT-FS Series 2020	DT-S Series 2019	FW Series 2018
DT-E / DT-E-FS Series 2023	DT12/13 Series 2023	DUS Series 2023	ASLS Series 2023	FTCS Series 2023

Products to be released

FK Series

Product under development

JF Series

JB Series

HSP Series

FJC Series 2024

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Variation Chart

Connection format | Board to Board

Pitch (mm)	Series name	Stack height (mm)	Rated current (A)/PIN*1	Number of contacts	Floating amount (mm) [X and Y directions]	Product details
0.4	DU	5, 7	DU: 0.4 DU12: 0.35	80–200	±0.4	P.30
0.4	DUS	3	0.4	40–200	±0.4	P.30
0.5	DT / DT-FS	8–30	DT: 0.4 DT-FS: 0.5	DT: 30–240 DT-FS: 30–140	DT: ±0.5 DT-FS: ±1.0	P.28
0.5	DT-E / DT-E-FS	8–30	Signal contact: 0.4 Power contact: 6.0	30–140	DT-E: ±0.7 DT-E-FS: ±1.2	P.28
0.5	DT12/13	18	0.4	60	±1.0	P.28
0.5	DT-S	10	0.4	30, 40, 100	±0.5	P.28
0.5	DY / DY03/04	5–14	DY: 0.4 (when mating straight type) 0.3 (when mating right-angle type) DY03/04: 0.4	DY: 30–140 DY03/04: 50–140	±0.5	P.30
0.635	DW	6.3, 10, 15	0.5	40–60	±0.7	P.30
1.27	8800	14.1	0.8–1.0 (power contact: 2.0)	20–100	—	P.40
1.27	8832E-FS	20–30	0.5	20–100	—	P.40
1.27	8806/8807	17.1	0.5	120–200	—	P.40
1.27	8900	7–12	0.5	20–120	—	P.42
1.27	8900MS	7, 8	0.5	20–120	—	P.42
1.27	8903N-FS	20–32	0.5	40–100	—	P.42

*1 Depending on the number of contacts and mating method, the rated current may be more than the listed current capacity. Please contact our sales representative for details. Please note that the number of contacts for simultaneous energization is limited.

Connection format | Battery Connector

Pitch (mm)	Series name	Rated current (A)/PIN	Number of contacts	Product details
2.0	GF	When GF0□ and GF1□ are mated: 7 (2 contacts), 0.5 (other contacts) When GF2□ and GF31□ are mated: 5 (2 contacts), 0.5 (other contacts)	GF0□/GF1□: 8 GF2□/GF31: 8, 10	P.43
3.0	GD	DC 5.0 (2 contacts at both ends only)	4, 5, 6, 8, 10	P.43
5.0	GC	DC 5.0 (2 contacts, max.)	3, 4, 5, 6, 8, 10	P.43

Connection format | Board to Cable / Cable to Cable

Pitch (mm)	Series name	Applicable wire size (AWG)	Rated current (A)/PIN*1	Number of contacts	Product details
0.25	XSL	Micro coaxial cable: #44/46	0.25	48	P.34
0.25	XSLS	Micro coaxial cable: #44/46	AWG#44: 0.3 AWG#46: 0.15	30, 40, 52	P.34
0.4	ASLS	Micro coaxial cable: #42	0.25	30	P.32
0.4	USL	Micro coaxial cable: #42	0.25	20, 30, 40	P.32
0.4	USLS	Micro coaxial cable: #42 34 pins: #40/42/44/46	0.25	20, 30, 34, 40	P.32
0.5	SSL	Micro coaxial cable: #40	0.3	10, 20, 30, 40	P.32
0.55	TSL	Micro coaxial cable: #30/32/36	AWG#30: 1.0 AWG#32: 0.9 AWG#36: 0.6	31	P.34
0.75	FJC	Discrete cable: #28/30 (cable coating outer diameter: Φ0.5–0.6mm)	1.0	30	P.38
1.27	8929E	Discrete cable: #26/28/30 (cable coating outer diameter: Φ1.0mm or less)	1.0	30–68	P.38
1.27	8822E/8822	Flat cable: #28	1.0	[8822E]20–100 [8822]20–68	P.40
1.27	8825E	Flat cable: #30	0.8–1.0	20–100	P.40
1.27	8925E	Flat cable: #30	0.5	20–100	P.42
1.5	FAS	Discrete cable: #24/26/28 (cable coating outer diameter: Φ0.88–1.14mm)	1.5–3.0	4–40	P.36
2.0	FWS	Discrete cable: #22/24/26/28(0.08–0.3sq) (cable coating outer diameter: Φ1.0–1.7mm)	3.0	2, 3, 4, 6, 8	P.38
2.5	FA	Discrete cable: #22/24/26/28 (cable coating outer diameter: Φ0.88–1.70mm)	3.0	4–40	P.36
2.5	FTCS	Discrete cable: #18/20/22/24/26/28 (cable coating outer diameter: Φ0.88–2.03mm)	2.0–6.5*2	6, 12, 16, 20	P.36
5.0	FW	Discrete cable: #16/18/20/22(0.3–1.25sq) (cable coating outer diameter: Φ1.5–3.1mm)	7.0–10.0	2, 3, 4	P.38
5.08	FTC	Discrete cable: #14/16/18/20 (cable coating outer diameter: Φ1.8–3.4mm)	7.0–12.0*3	6, 10, 12, 20	P.36

*1 The applicable range of the rated current depends on the cable size and the number of energized contacts. Consult our sales representative in advance.
*2 Rated current when all contacts are energized using 20 pins.
*3 Rated current when all contacts are energized using 12 pins.

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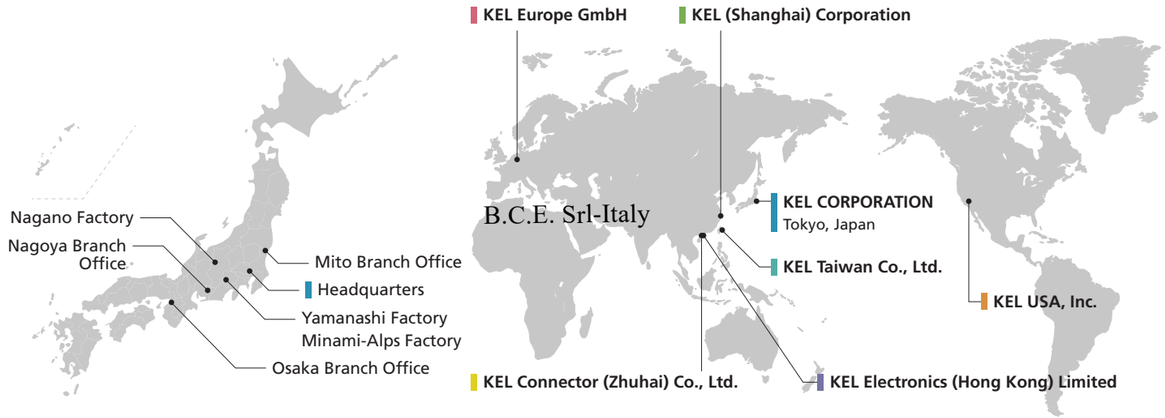

Sales Sites

Headquarters
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Mito Branch Office

Nagoya Branch Office

Osaka Branch Office

Production Sites

Yamanashi Factory

Nagano Factory

Minami-Alps Factory

Overseas Subsidiaries

KEL (Shanghai) Corporation

KEL Electronics (Hong Kong) Limited

KEL Connector (Zhuhai) Co., Ltd.

KEL Taiwan Co., Ltd.

KEL Europe GmbH

KEL USA, Inc.

KEL

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Importation & Distribution
Electronic Components

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