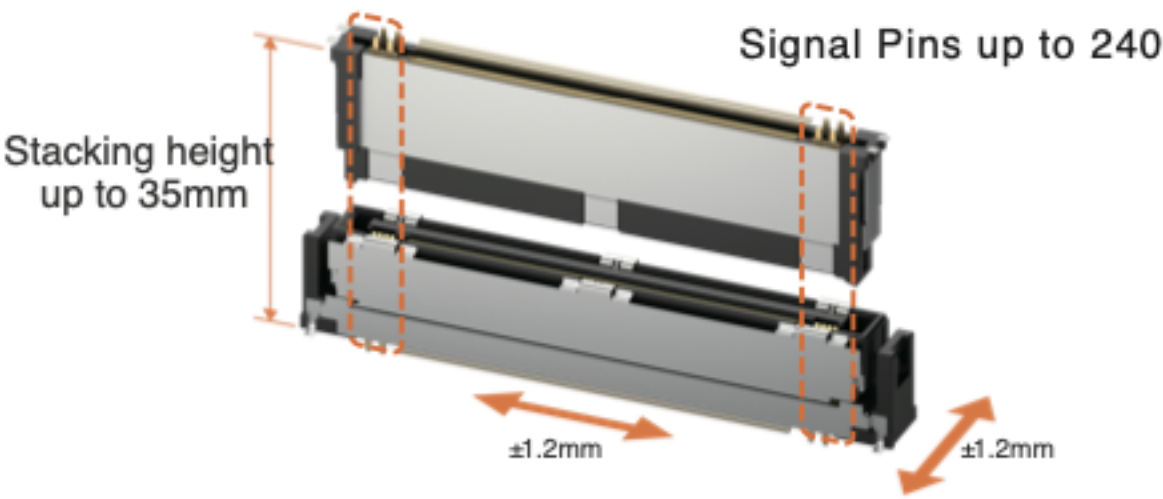


Connector Solutions for Automotive Manufactured in Japan

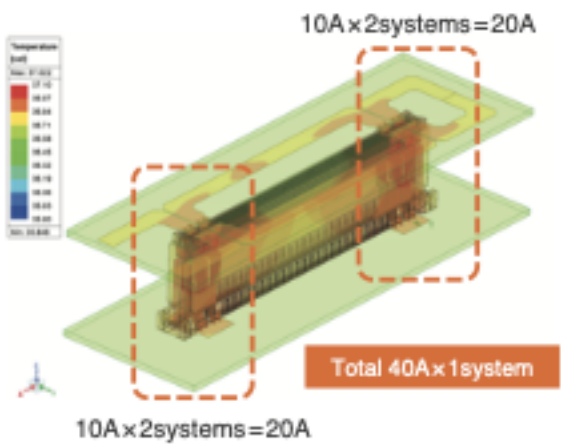
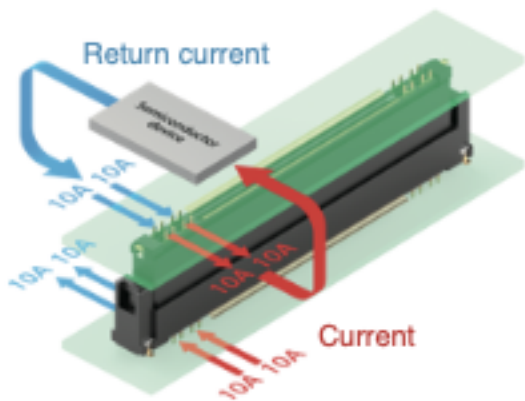


JG series

PCIe Gen 5 Capability, Floating $\pm 1.2\text{mm}$,
80A Power Supply Pins



10A x 8 Power Supply Pin



JF series

140°C High Heat Resistant
Vibration Resistant Floating Connector

Specifications

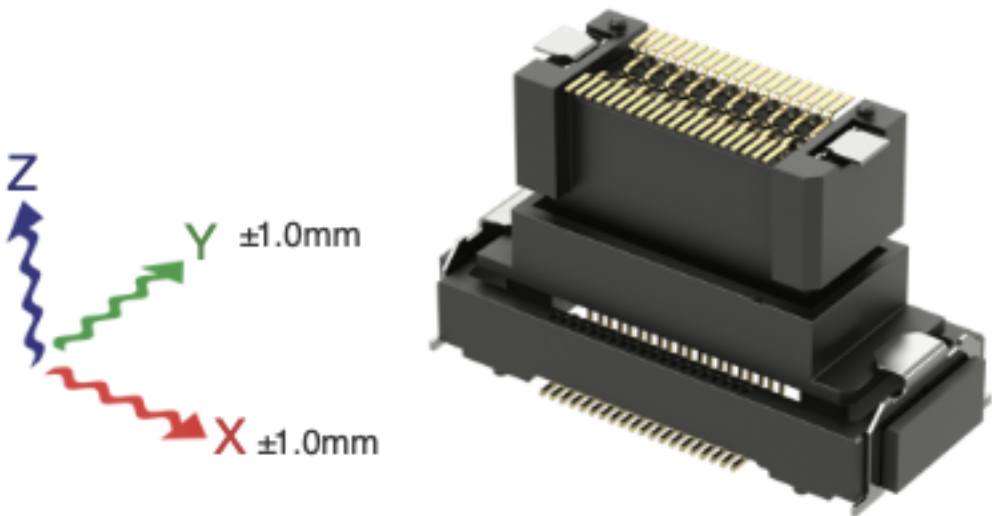
Pitch	0.5 mm
Number of Pins	10 ~ 80 pins
Stack Height	15 ~ 20 mm
Floating Amount	XY Direction $\pm 1.0\text{ mm}$
Temperature Range	$-40^{\circ}\text{C} \sim +140^{\circ}\text{C}$
Contact	2 Point Contact

Vibration Conditions

Mode	Random
Frequency	10 ~ 2000Hz
Acceriation	20G(rms)
Direction	XYZ
Time	22h in each direction

● ISO16750-3/GBT

Vibration Resistant (XYZ)



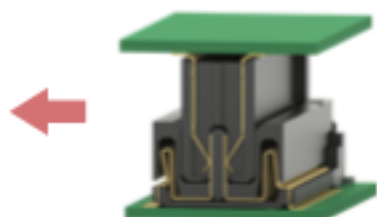
DT series

0.5mm Pitch Floating Connector with Wide Variations

DT Series

- Stacking Height: 8~20 mm
- Floating: $\pm 0.5 \sim 0.7$ mm in XY direction

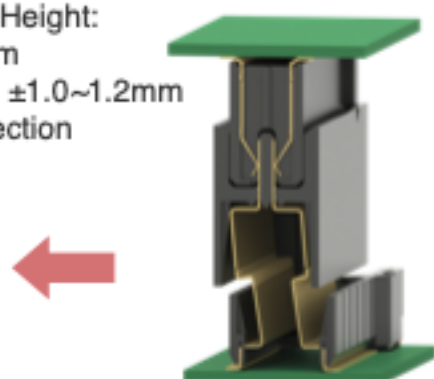
MAX
0.7mm



DT-FS series (High Stack)

- Stacking Height: 18~30 mm
- Floating: $\pm 1.0 \sim 1.2$ mm in XY direction

MAX
1.2mm



High Heat Resistant DT12/13 series

- Effective Mating Length: 1.5mm
- Stacking Height: 18mm
- Pin Count: 60



Receptacle
(DT-FS)

Plug
(DT12/13)



Power Pins DT-E series

- 6A x 4 with Power Supply Pins
- Up to 200 Signal Pins
- Stacking Height: 8 ~ 30mm
- Floating Amount: 0.7 ~ 1.2mm
- Supports Horizontal or Vertical Connection

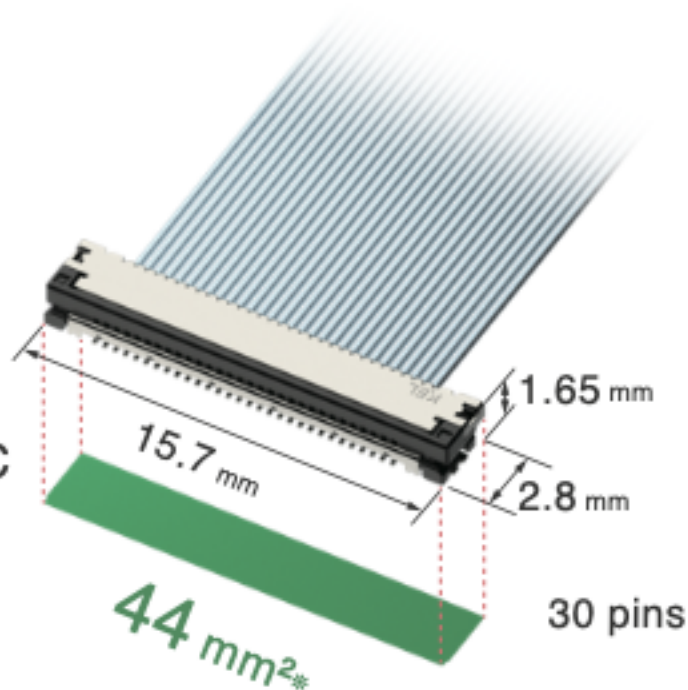


ASLS series

Smallest in Class & Space Saving Micro Coaxial Cable Connector

Board Space 44mm²

- Pitch: 0.4 mm
- Straight Stacking Type
- Pin: 30~60
- High Heat Resistance 105°C
- Non-Magnetic



High Flexibility Wiring

Bending/Twisting/Moving Part



Flexible routing, fits through thin tube



Active Optical Connector(AOC)

Electrical-to-Optical/Optical-to-Electrical (EO/OE)



Transmission Speed

128 Gbps*

(32Gbps/1ch×4ch)

Transmission Length

30 m*

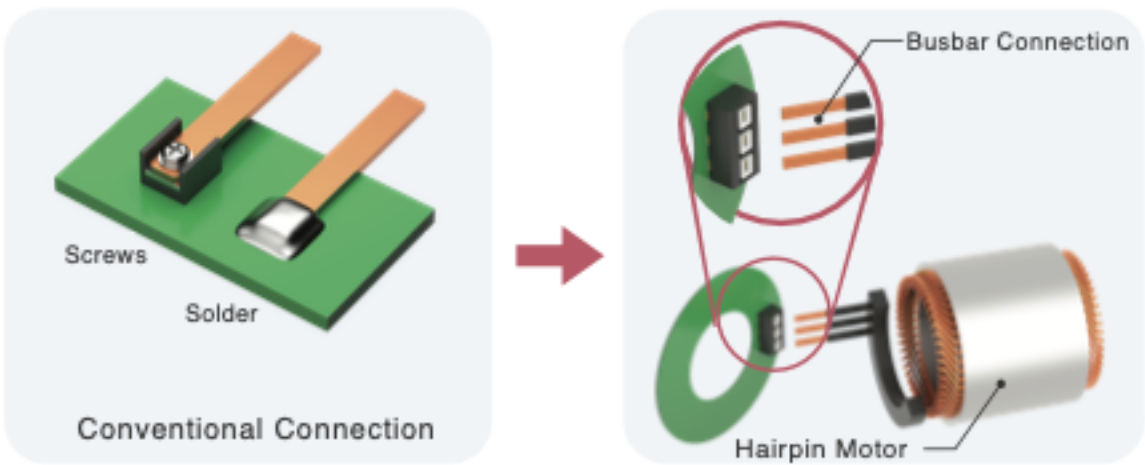
※Target Specifications (Subject to Change)

Busbar-to-Board Connector

No screws or soldering required.

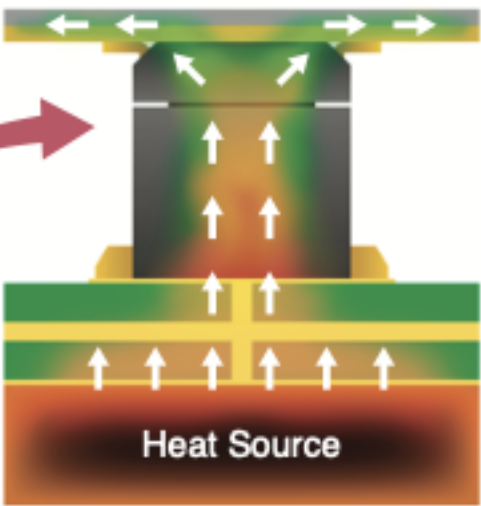
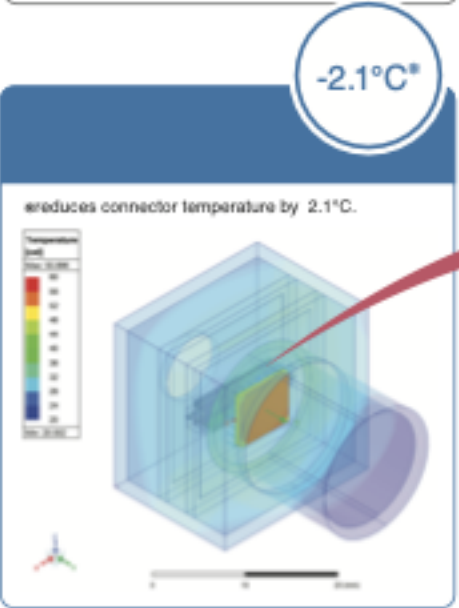
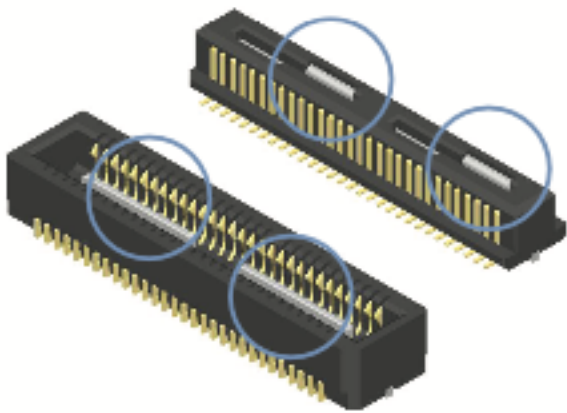
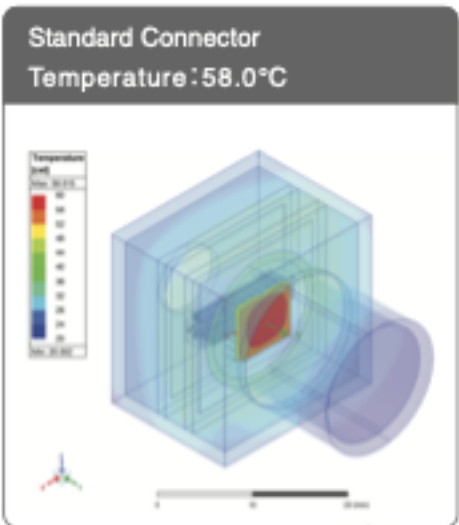


Conventional vs. New Busbar-to-Board Connection



Heat Path Connector

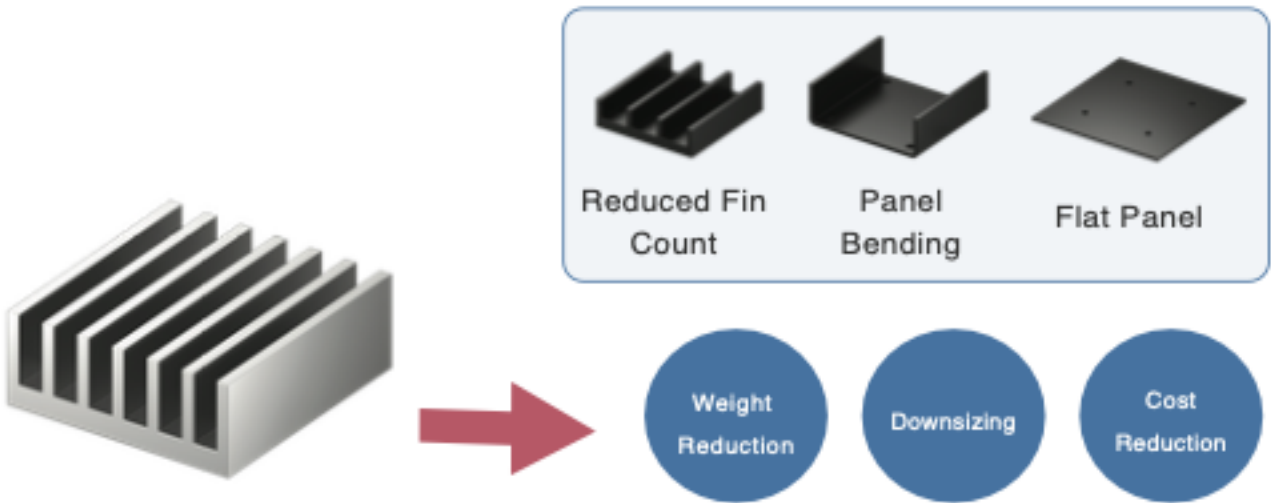
Resolves heat problems in compact spaces. A built-in component within the connector radiates heat.



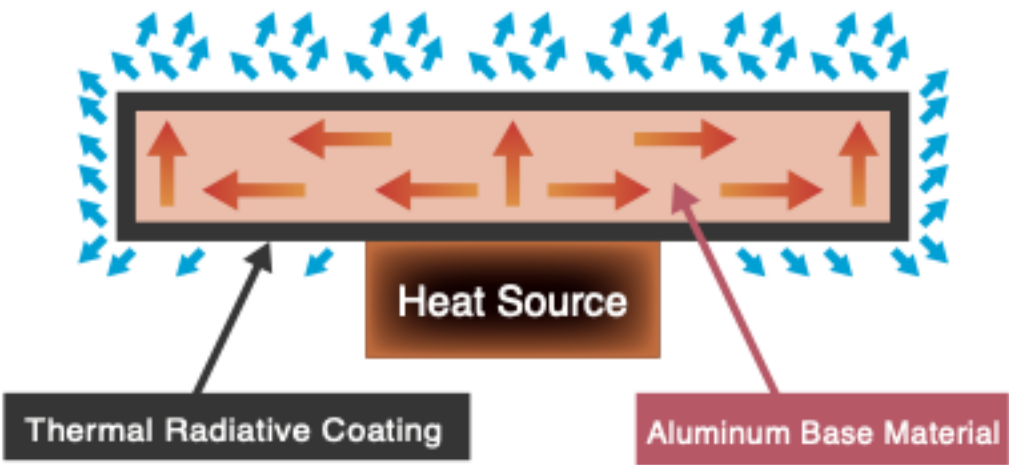
Heat Transfer illustration

Heat Pass Plate

Radiate Heat & Resolves Thermal Problems
Offering alternative to heat sinks.

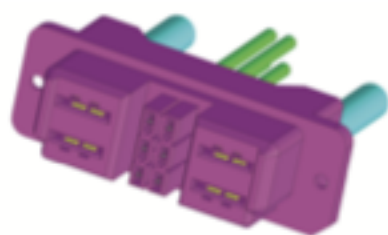


Conductive and radiative layers work together to reduce heat source temperature.

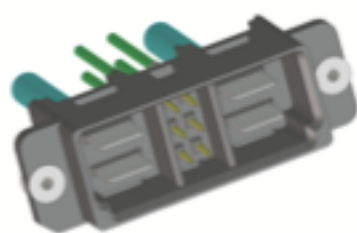
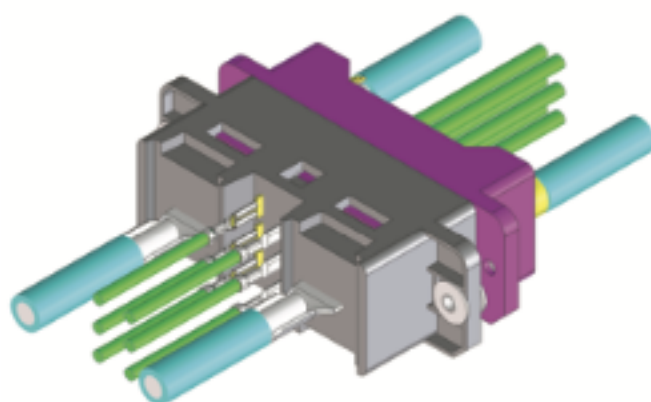


High-Power Battery Connector

40~50A power pins



Receptacle



Plug

Specifications

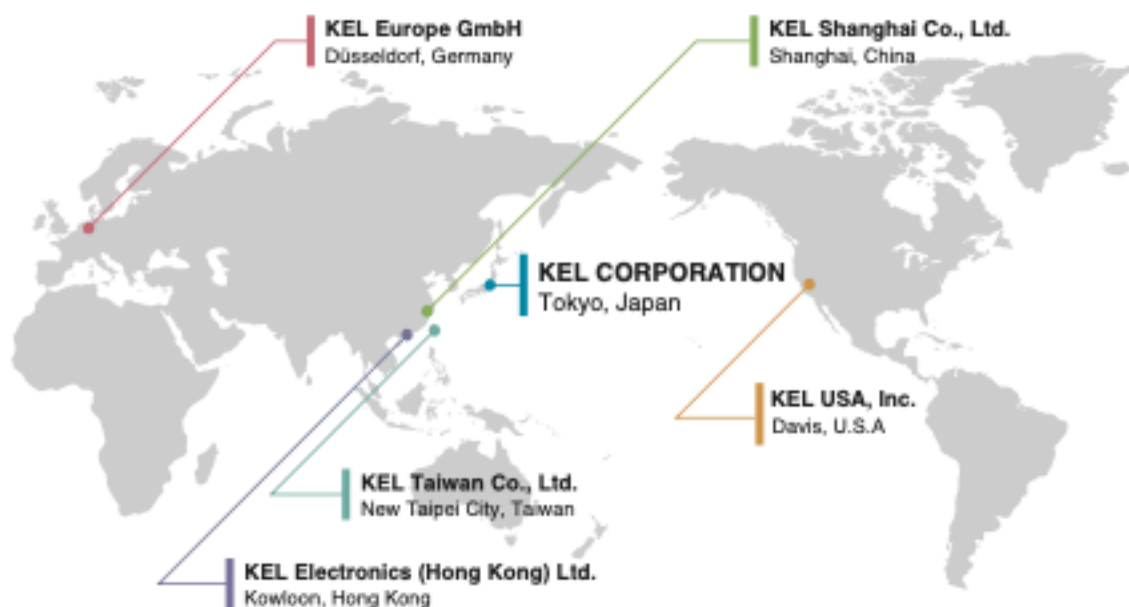
Pins	2 power pins 6 signal pins
Rated Current	Power 40 ~ 50 A Signal 2 ~ 3A
Cable (AWG)	Power 8 ~ 6 gauge Signal 20 ~ 16 gauge

Application

- Portable Power Station
- Inverter
- Industrial



Global Network



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