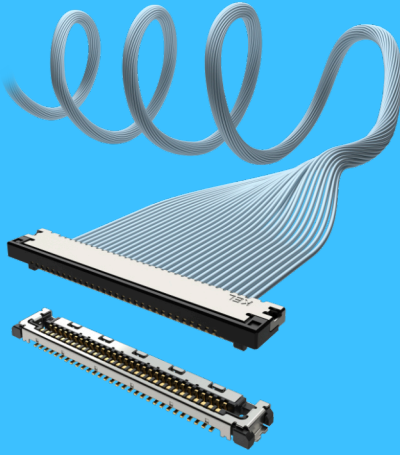
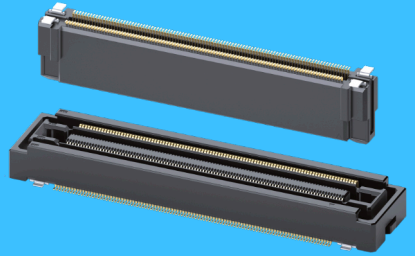
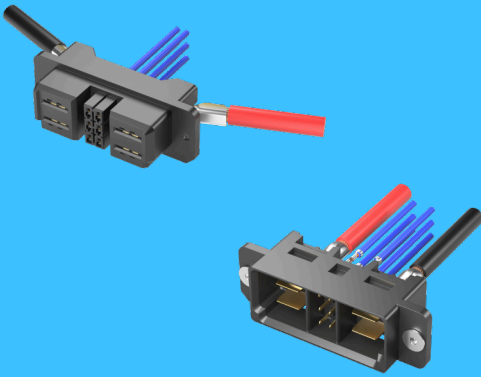




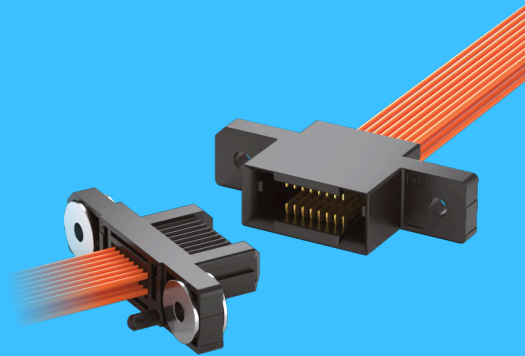
High Pin Count Up to 50
Up to 105°C
Micro Coax Assemblies



PCIe 5.0 Equivalent
High Stack 30mm+
Floating Connectors



50A Power Contact
3A Signal Cable
Battery Connectors



High Mating Cycle Life
 $\pm 3\text{mm}$ XY Self Alignment
Blind Mating Connectors

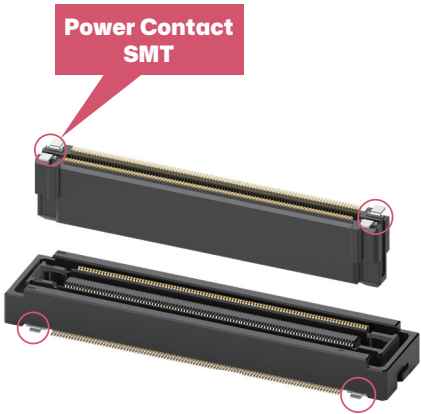
PCIe 5.0 Equivalent Floating Connector

J1
SERIES

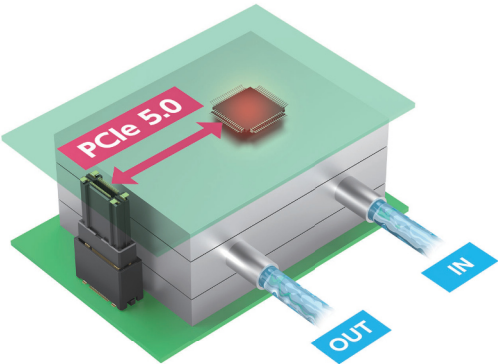
In Development

Product Features

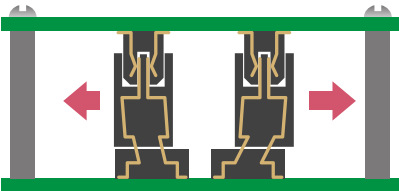
- PCIe 5.0 Equivalent
- Pin Count Up to 200
- Stack Height: Up to 35mm
- Float: XY $\pm 1.0\text{mm}$ to $\pm 1.2\text{mm}$
- Power Contacts: 6A per pin (4 pos.)



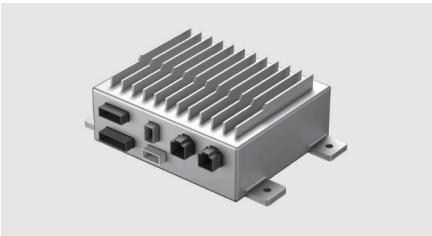
Example combining a water-cooled heat sink with the high-stack type



Absorbs mounting error across multiple connectors



Applications



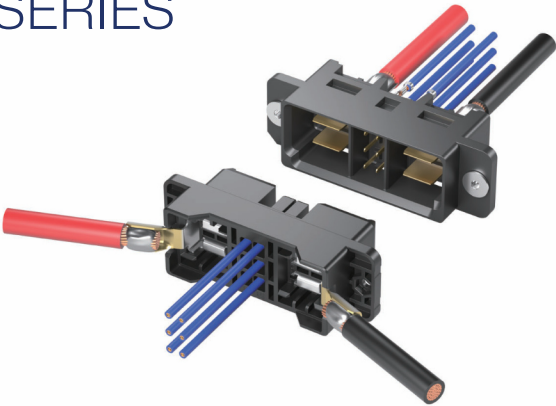
ECU



Instrument Panel

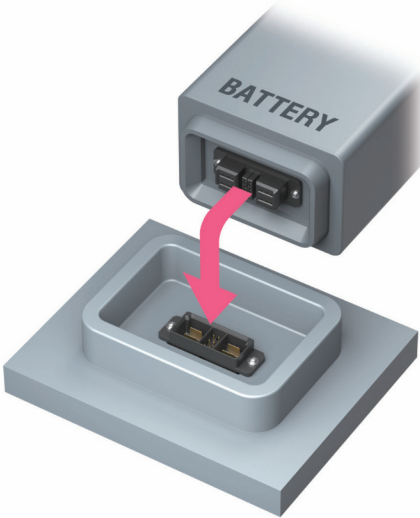
50A High Power Drawer Connector

FG SERIES



Power Contacts
Up to 50A x2

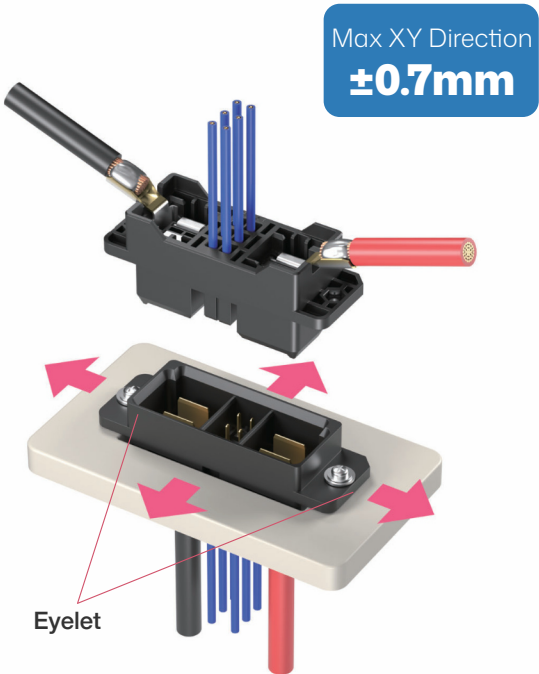
Signal Contacts
3A x6



Example of Use

Absorbs Misalignment

Floating Structure



Applications



AGV



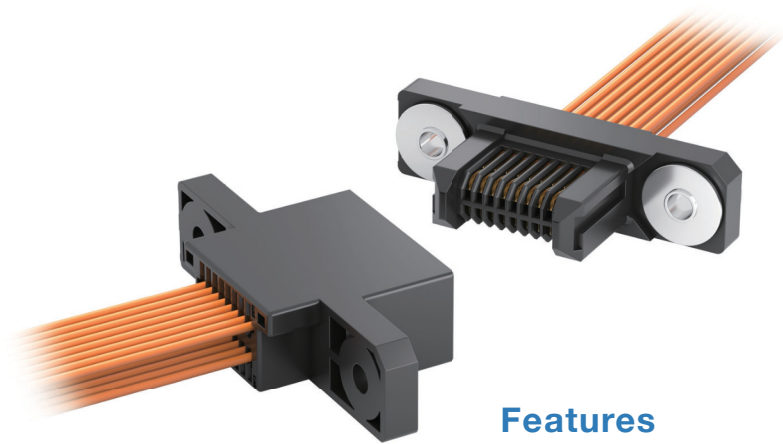
Robotic Mobility Devices

Secure Drawer Connector

FA/FAS SERIES

FA
2.5mm Pitch

FAS
1.5mm Pitch

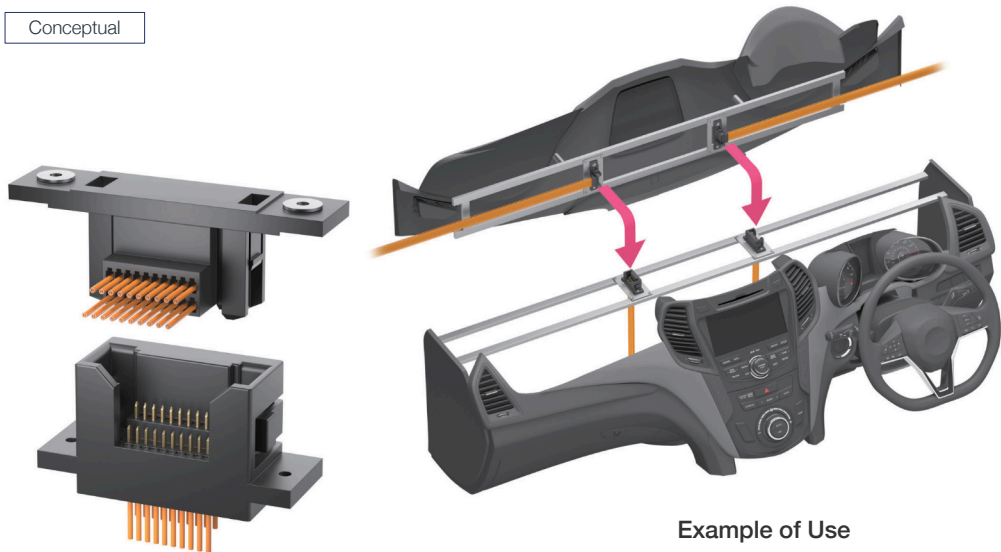


Features

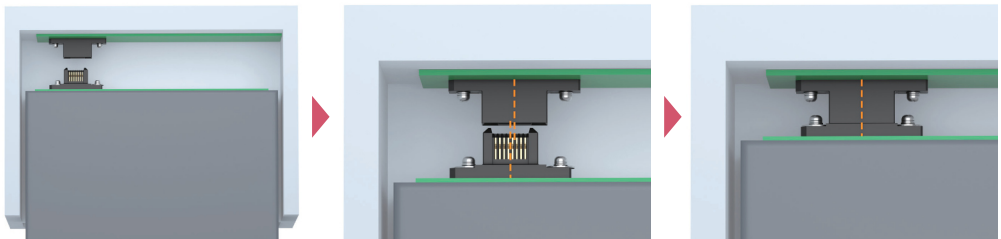
- Standard mating durability: 2000 cycles
- Mating durability options up to 7000 cycles

Side Exit Drawer Connector

Conceptual



Absorbs Misalignment



6-8Gbps High Speed Floating Connector

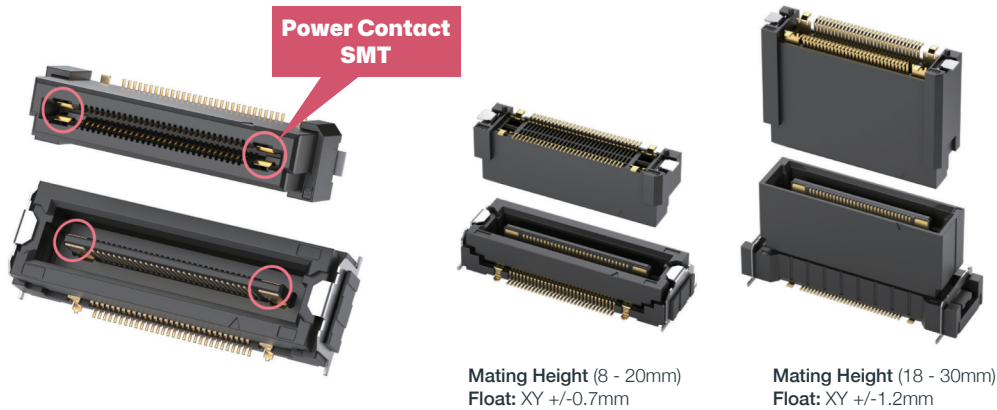
DT SERIES

0.5mm Pitch Floating Connector

- Power Contacts: 6A per pin (4 pos.)
- Float: XY $\pm 0.5\text{mm}$ to $\pm 1.2\text{mm}$
- Stack Height: 8-30mm
- Pin Count Up to 240



Power Contacts - 4 Positions



Mating Height (8 - 20mm)
Float: XY $\pm 0.7\text{mm}$

Mating Height (18 - 30mm)
Float: XY $\pm 1.2\text{mm}$

Mating Variations

- Stack
- Right Angle
- Horizontal

Applications



mmWave Radar



Navigation



Entertainment Systems

Smallest Footprint in Class - Up to 50 Pins

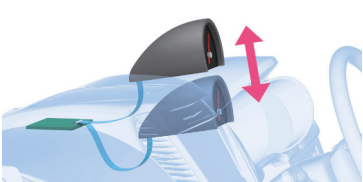
ASLS SERIES



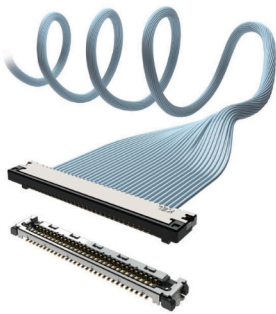
0.4mm Pitch Micro Coax Connector Cable Assembly



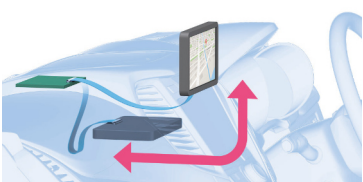
Instrument Clusters



Use Case - Stowed & Deployed

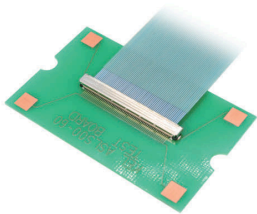


Navigation/Monitors



Variations

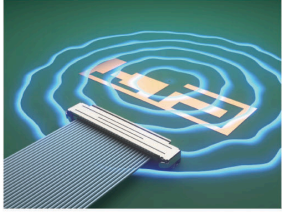
High pin count, 60 positions
In Development



Shielded type for enhanced EMC performance
A shell over the connector blocks noise ingress

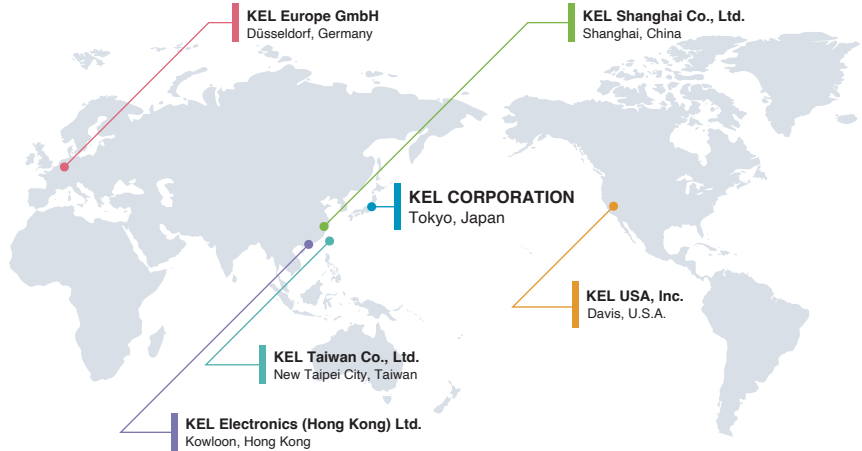


In Development



KEL Company Profile

Global Network



U.S.A Office

KEL USA, INC.
604 Third Street, Suite 200, Davis, CA 95616
www.kelconnectors.com



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