

## INTRODUCING

# HEAVY DUTY SEALED CONNECTOR SERIES 90° & 180° HEADERS

- **Sealed Performance** – IP-rated sealing for protection against dust and water ingress
- **Flexible Mounting Options** – Available in vertical and right-angle configurations to fit various design needs



The newest offering from our Heavy Duty Sealed Connector Series, these innovative headers set the standard for control unit connectivity in the Industrial & Commercial Transportation market. With a wide range of off-the-shelf and customizable options, they meet the demands of intelligent systems across truck, bus, agriculture, construction, industrial, and automotive applications. Environmentally sealed, they are designed for several wire-to-device applications, helping to ensure reliable performance in harsh environments. Our solutions support evolving needs in electrification, system integration, and modular design.

### KEY BENEFITS

- 90° & 180° angled pins: Provides more application flexibility and tackles a wider range of use cases
- Glued header: Offers space-saving benefits without the need for screwing. Suitable for applications with space restrictions
- Multiple positions available: Allows for various configurations to meet different needs, providing better flexibility in product design
- IP69K Protection: Protects against mud and dust ingress, helping ensure superior performance, reliability, and longevity
- Engine & Gearbox Vibration Level: Maintains functionality even under intense vibration, reducing the risk of loose connections
- Up to 60V DC: Supports higher voltage capacity, catering to increasing electrification trends in heavy-duty vehicles
- Solder Pins: Provides a strong, permanent connection between the header and PCB, helping prevent disconnections
- V-0 Material: Uses flame retardant materials to reduce fire propagation risk in case of electrical failures, meeting regulatory requirements and improving overall reliability

### APPLICATIONS

- e-Fan
- Power Steering
- e-Brake
- ECU
- Battery Management System
- Aftertreatment System
- e-Air Compressor
- e-Drive
- Rear Axle Actuator
- Gearbox ECU
- Power Conversion Modules
- On Board Charger

### LEARN MORE

- [Landing Page](#)
- [Series FAQ](#)
- [Series Catalog](#)

### TARGET MARKETS

- Heavy Duty Trucks
- Buses
- Agricultural vehicles
- Construction vehicles
- Automotive
- Industrial