

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

TARGET MARKETS

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

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

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