INTRODUCING

SUPERSEAL 1.0 CONNECTORS WITH FLANGE, LEVER & BACKSHELLS

- **Save time and cost on installation**
- **Avoid unnecessary downtime**
- **Meet a range of price vs. performance needs**



Electrification across the industrial and commercial transportation market is driving the need for additional control modules within vehicles, requiring more wire-to-board connections than ever before. Our SUPERSEAL 1.0 wire-to-board connectors meet the need for dependable, high-density printed circuit board applications in the harshest environments. Our newest additions to the portfolio include 34P flange headers and plugs with backshell mounting fixtures, 34P headers and plugs with lever, and silver-plated terminals. The expanding portfolio addresses customer needs such as installation time and cost savings, avoiding unnecessary machine or vehicle downtime, and meeting a range of price vs. performance needs.

TARGET MARKETS

- Agricultural Vehicles
- Construction Vehicles
- Heavy Duty Trucks
- 2-Wheelers
- Passenger Vehicles

APPLICATIONS

- Wire-to-board
- Engine control unit (ECU)
- Motor control unit (MCU)
- Transmission control unit (TCU)
- Battery management system (BMS)
- Instrument cluster/speedometer
- Electronic fuel injector (EFI)

PERFORMANCE OVERVIEW

ELECTRICAL

- Operating temperature: -40°C to + 125°C
- Operating voltage: Up to 250V AC/DC
- Current rating: Up to 15 Amps

MECHANICAL

- Flammability rating: UL94 V-0
- Degree of protection: IP67, IP6K9K (with backshell)
- Vibration level: ISO 16750-3 T7 (plug without lever), ISO 16750-3 T6 (plug with lever)

KEY BENEFITS

- Flange headers provide a simpler way for customers to install the product by sealed and bolted flange
- Plugs with lever provide a more ergonomic operation for the installer, making it easier to mate and unmate
- Use of plugs with lever and hard silver-plated terminals provide improved performance under high levels of vibration to avoid unnecessary downtime
- Backshells improve performance under high vibration levels and provide additional wire strain relief
- New hard silver-plated terminals provide an additional plating option for customers to choose from to meet their price vs. performance needs

LEARN MORE

- Landing Page
- Catalog

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