

# High-Pin-Count Header

High-Pin-Count Headers provide a targeted solution for applications requiring dense signaling connections within compact form factors, such as new-generation electronic control units (ECUs) for automotive ADAS applications and in-vehicle networks.

## SPACE SAVINGS



Ideal for tight packaging of high pin counts into small form factors, with up to 200 pin counts in multiple rows at 1.8mm spacing for signal pins.

## SUPPORT FOR CUSTOM AND STANDARDS-BASED APPLICATIONS



Custom modules can support a wide range of design configurations that comply with automotive standards such as SAE/USCAR-2 and LV214.

## HIGH VOLUME, ENVIRONMENTALLY FRIENDLY MANUFACTURING



Our global production of High-Pin-Count headers provides high volume output with innovative tooling methods that reduce waste.

## APPLICATIONS

ECUs, in-vehicle networks, sensor interfaces, ADAS controls and safety systems:

- + Electric vehicles
- + Commercial transportation
- + Personal mobility

### 01. MAIN HOUSING FOR STANDARD CONNECTOR

- + Open standard interface with customization for design flexibility and functionality.
- + Ideal for tight packaging, high-pin-count and high-density applications.
- + Supports different design configurations.

- + Provides manufacturing flexibility and cost efficiency.
- + Application specification: SAE/USCAR-2- and LV214 compliant.

### 02. KEEPER PLATE FOR PIN POSITIONING

- + Up to 200 pin counts.
- + Up to 4 rows.
- + 1.8mm pitch for signal pins.

### 03. 0.4 EON / 0.64 EON PRESS-FIT PINS

- + Mix of signal (0.5 x 0.4mm) and power (1.2 x 0.6mm) terminals.
- + Robust, automotive-approved and solder-free connection with ENNOVI Press-Fit technology: 0.4 EON or 0.64 EON.
- + Option for IndiCoat™ plating: a whisker mitigation plating technology developed by ENNOVI.
- + Automotive-approved plating: Sn, Ag and Au on the connector interface.

