

# **Automotive Connectors Market Report by Connection Type (Wire to Wire Connection, Wire to Board Connection, Board to Board Connection), Connector Type (PCB Connectors, IC Connectors, RF Connectors, Fiber Optic Connectors, and Others), System Type (Sealed Connector System, Unsealed Connector System), Vehicle Type (Passenger Cars, Commercial Vehicles, Electric Vehicles), Application (Body Control and Interiors, Safety and Security System, Engine Control and Cooling System, Fuel and Emission Control, Infotainment, Navigation & Instrumentation, and Others), and Region 2024-2032**

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## **Abstracts**

The global automotive connectors market size reached US\$ 13.3 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 21.9 Billion by 2032, exhibiting a growth rate (CAGR) of 5.5% during 2024-2032.

Automotive connectors are electrochemical elements that are used for attaching multiple electrical circuits. They join electric terminals to form a complete circuit and ensure effective communication and navigation between the electronics and safety devices of the automobile. They consist of jacks or sockets (female-ended) and plugs (male-ended) that are placed under the hood of the vehicle. Advanced safety and security features such as anti-theft alarms, adaptive cruise control, keyless entry and auto emergency braking systems are integrated with electrical components using these

connectors.

The increasing incorporation of advanced security features in the automobiles and the rising demand for electric vehicles (EVs) are the key factors driving the growth of the market. Furthermore, the growing sophistication of automotive sensors and infotainment systems has augmented the demand for automotive wiring harnesses and connectors across the globe. Automobile manufacturers are replacing copper cables with plastic optical fiber (POF) to improve data transmission and design flexibility, along with reducing the overall vehicle weight. The effective functioning of POF requires automotive connectors. Additionally, advanced automotive systems utilize memory and data storage connectors for supporting Wi-Fi networks in automated vehicles. This, coupled with the increasing adoption of hybrid vehicles, is further contributing to the market growth. Moreover, various product innovations such as adaptive front lighting, cruise control, park assistance and departure warning systems, along with the incorporation of machine learning in self-driving vehicles are expected to drive the market in the coming years.

IMARC Group's latest report provides a deep insight into the global automotive connectors market covering all its essential aspects. This ranges from macro overview of the market to micro details of the industry performance, recent trends, key market drivers and challenges, SWOT analysis, Porter's five forces analysis, value chain analysis, etc. This report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the automotive connectors market in any manner.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global automotive connectors market report, along with forecasts at the global and regional level from 2024-2032. Our report has categorized the market based on connection type, connector type, system type, vehicle type and application.

#### Breakup by Connection Type:

- Wire to Wire Connection
- Wire to Board Connection
- Board to Board Connection

#### Breakup by Connector Type:

PCB Connectors

IC Connectors

RF Connectors

Fiber Optic Connectors

Others

Breakup by System Type:

Sealed Connector System

Unsealed Connector System

Breakup by Vehicle Type:

Passenger Cars

Commercial Vehicles

Light Commercial Vehicles

Heavy Commercial Vehicles

Electric Vehicles

Breakup by Application:

Body Control and Interiors

Safety and Security System

Engine Control and Cooling System

Fuel and Emission Control

Infotainment

Navigation & Instrumentation

Others

Breakup by Region:

Asia Pacific

North America

Europe

Middle East and Africa

Latin America

Competitive Landscape:

The report has also analyzed the competitive landscape of the market with some of the key players being Amphenol Corporation, Aptiv (Formerly Delphi Automotive PLC), Hirose Electric Co. Ltd., Hu Lane Associate Inc., J.S.T. Mfg. Co. Ltd., Japan Aviation Electronics Industry Ltd., Korea Electric Terminal Co. Ltd., KYOCERA AVX Components Corporation, Lumberg Holding, Luxshare Precision, Molex LLC (Koch Industries Inc.), Rosenberger, Samtec, Sumitomo Electric Industries Ltd., TE Connectivity, Yazaki Corporation, etc.

### Key Questions Answered in This Report

1. What was the size of the global automotive connectors market in 2023?
2. What is the expected growth rate of the global automotive connectors market during 2024-2032?
3. What are the key factors driving the global automotive connectors market?
4. What has been the impact of COVID-19 on the global automotive connectors market?
5. What is the breakup of the global automotive connectors market based on the connection type?
6. What is the breakup of the global automotive connectors market based on the connector type?
7. What is the breakup of the global automotive connectors market based on the system type?
8. What is the breakup of the global automotive connectors market based on the vehicle type?
9. What is the breakup of the global automotive connectors market based on the application?
10. What are the key regions in the global automotive connectors market?
11. Who are the key players/companies in the global automotive connectors market?

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