



SMART CONNECTED VEHICLE Enabling Next-Generation Vehicle Technology

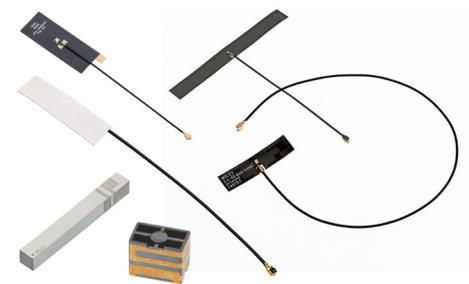
molex

Many of the exciting innovations we're seeing across the automotive landscape today are made possible by connectivity. The next generation of vehicles are set to become part of a network, with future vehicles advancing towards becoming a truly connected device. Read on to discover Molex solutions that will help you to stay ahead of the connectivity curve.

Antennas Solutions

From concept to completion, Molex ready-to-use RF antennas are compact, high performing and available in multiple form factors for all standard antenna protocols and frequencies

- Compact, efficient and ready-to-use
- Fast and easy integration into connected systems
- Support multiple protocols to create best-in-class devices



Mizu-P25 Connectors

Designed to meet the needs of environmentally challenging automotive and non-automotive applications, Molex's Mizu Sealed Connectors offer vibration resistance and superior protection against dust and water.

- Provide some of the smallest mated diameters of any similar system
- Ensures complete dustproof and waterproof protection
- Provides high pressure and small deflection for high-vibration applications





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Mini50 Connection System

Achieve 50% space savings over traditional USCAR 0.64mm connectors with sealed or unsealed Mini50 single- and dual-row receptacles, with smaller terminals to fit more low-current electrical circuits in interior transportation-vehicle environments

- Provide reliable performance in a limited space
- Industry's only interface that meets USCAR 050 standards
- High-performing sealed receptacle using matte-seal design



USB Type-C Connectors

The compact Type-C Connectors expanded family supports up to 10 Gbps speeds and offers robust, reliable connectivity in IoT, wearable device and other high-speed data I/O applications.

- Offer design flexibility
- Enables fast charging and data transfer
- Durability (min) of 10,000 cycles

