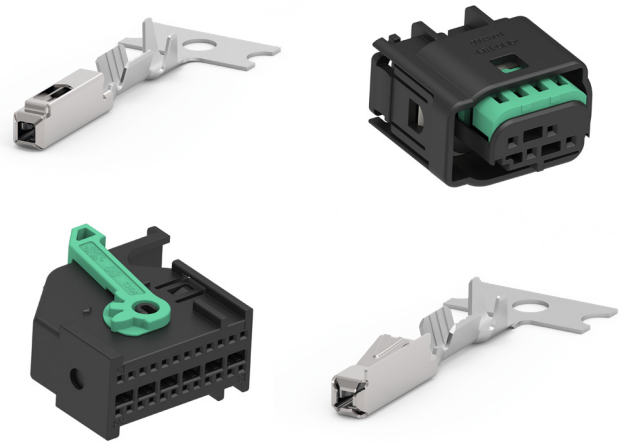


0.63MM INTERCONNECTOR SYSTEM

MQS INTERCONNECTOR SYSTEM

TE Connectivity's MQS interconnection terminal, connector and header system offers high packing density, robust construction and high functional requirements, therefore it is commonly used for electrical and electronic applications for passenger cars and commercial vehicles.



Despite its miniaturized, compact design, it fulfills all requirements for a contact system suitable for use in automobiles and covers a wide range of application sectors in both waterproof and non-waterproof areas.

The MQS system covers low current up to 7.5 Amps as well as mid current applications up to 45 Amps by offering a range of different terminals and hybrid connectors from MQS 0.63 to PQ 5.2.

PRODUCT FEATURES

- 1.8mm pin-to-pin pitch
 - 0.35 to 0.75 mm² wire range
 - Mating for 0.63 x 0.63 mm
 - Current capacity: 7.5A (80°C)
 - Max. temperature 150°C (Ag)
 - SG3 Vibration Grade
 - Locking lance & clean body design
 - Top latch and side latch
 - Primary and secondary contact locking
 - LV214 & USCAR validated
 - Click-audible connector position assurance (CPA)
 - Tin, silver, gold plating available
 - MQS FFC* terminal and housing
- *FFC = Flat Flexible Cable

APPLICATIONS

- ABS Sensors
- Under-hood ECUs
- Power seat motor connections
- ABS controllers
- Airbag modules
- Autopilot modules
- Body control system
- Dashboard information systems
- Audio and video systems
- Battery management system

- Door harness
- HVAC system
- Electronic power steering
- Body and door control modules

KEY BENEFITS

- Redundant 4-contact point technology for higher reliability
- Reduced mating forces (40%) with LITEFORCE terminal technology required for high pin-count connectors
- Sealed and Unsealed versions (sealed using mat or individual seals)
- Detent for low profile applications for positive engagement
- High performance copper alloy for sustained performance throughout lifetime
- Polarization and secondary locking ensuring correct terminal insertion, adding a level of reliability and security
- Overstress protection of contact springs
- Provide ergonomic assembly and safe installation
- Large global recognition and use

LEARN MORE

- [MQS Connector System Landing Page](#)
- [MQS Connector System Catalog](#)
- [Connector Portfolio for Signal and Power](#)