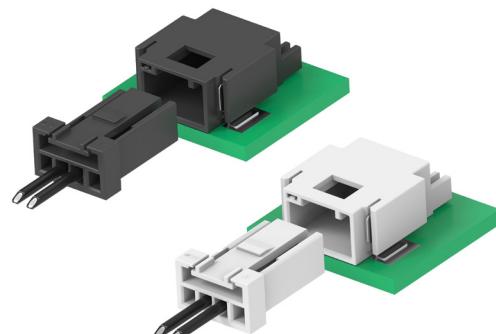


INTRODUCING

DYNAMIC ULTRA SERIES CONNECTOR SYSTEM

- Reliable contact interconnection system
- Avoids mis-mating of identical pin configurations



The dynamic ultra connector series from TE Connectivity (TE) is engineered as a miniature wire-to-board interconnection system. Its multiple contact points provides for reliable performance even in demanding environments, such as electric vehicle (EV) powertrains, battery packs, and automotive lighting applications. Featuring a secondary locking mechanism, the Dynamic Ultra connector Series complies with the LV 214 standard, making it suitable for specialized automotive applications. Additionally, the series offers user-friendly features designed to enhance overall product functionality and benefits.

BENEFITS

- Reliable contact interconnection system
- Retainer facilitates a secondary lock for secure terminal assurance within the receptacle housing, ensuring high contact retention force
- After mating, the lock status can be verified visually or with a camera system, as the connector latch is positioned on the top
- Avoids mis-mating of identical pin configurations
- Black and Natural color options are available upon customer request

FEATURES

- Multiple contact points
- Secondary lock feature by pre-assembled retainer
- Visual check possibility after lock
- Two keys for error proof
- Black and nature color for different application

APPLICATIONS

- BESS (Battery Energy Storage Systems)
- EVI (Electrical Vehicle Infrastructure)
- HVAC (Heating Ventilation Air Conditioning)
- Automotive lighting
- E-drive
- On-board charging system

ELECTRICAL

- Current rating: 3 A
- Voltage rating: 125 V AC

MECHANICAL

- Contact retention force: 50 N with secondary lock
- Mating cycles: 20
- Vibration: LV 214 Severity 2

MATERIALS

- Housing: PBT (Polybutylene Terephthalate) or PA (polyamide)
- Contact: Copper Alloy
- Contact surface: Tin

STANDARDS

- UL
- LV 214

SPECIFICATIONS

- Product Specification: 108-137690
- Application Specification:
ReceptacleTerminal: 114-137706
ReceptacleConnector: 114-137707
Header Connector: 114-137708

LEARN MORE

- [Dynamic Ultra Series Brochure](#)
- [Dynamic Ultra Series Receptacle Assembly Model Detail Page](#)
- [Dynamic Ultra Series Headers Model Detail Page](#)
- [Dynamic Ultra Series Images](#)
- [Dynamic Ultra Series Product Page](#)
- [Dynamic Ultra Series Partlist](#)
- [Dynamic Ultra Series Customer Presentation](#)