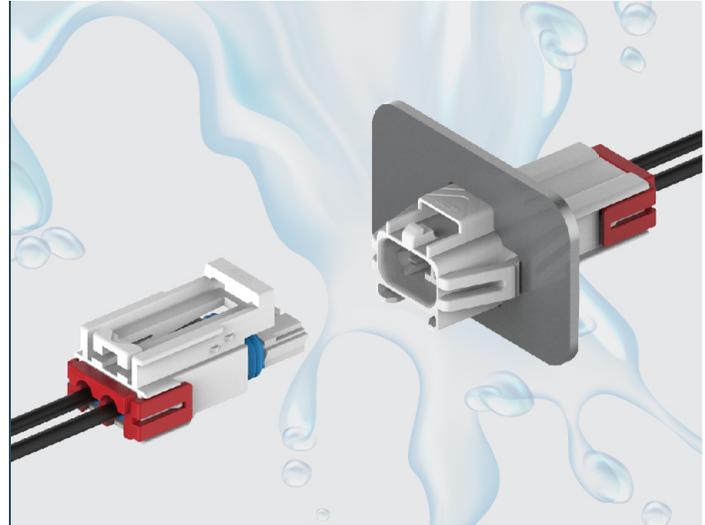# INTRODUCING

POWER VERSA-LOCK CONNECTOR SYSTEM

- **Compact high power connectors**
- **Protected against dust and water**
- **Rated for high operating temperatures**

Power Versa-Lock connectors bring compact design and application versatility to the mid-to-high power connector market. Whether your design challenge is a harsh environment, space constraints, assembly efficiency, or all of the above, the Power Versa-Lock connector system has a solution for you. These 5.0mm pitch connectors feature IP67 rated sealing, optional terminal position assurance (TPA) accessories, high rated operating temperature, and multiple color and keying options.

MECHANICAL

- Pitch: 5.00mm
- Wire Size: 26-14AWG
- Positions: 1-4, 6, 9
- Configurations:
  - Wire-to-wire
  - Wire-to-panel
- Ingress Protection: IP67

ELECTRICAL

- Voltage Rating: 600V AC
- Current Rating: 15A

MATERIALS

- Flammability Ratings:
  - UL 94 V-0
  - Glow Wire Test (GWT)*
- Operating Temperature: -30 to +130°C

PRODUCT SPECIFICATIONS

- Product Specification: 108-143081
- Application Specification: 114-143082
- Instruction Sheet: 408-143099
- Engineering Report: 502-139208

KEY FEATURES

- IP67 rated protection against water and dust
- Perimeter seals offer low mating force for enhanced ergonomics
- Optional TPA (for use with unsealed version) and back covers (for use with sealed version) help ensure proper assembly
- Tab and receptacle contact system helps provide higher reliability
- USCAR EWCAP-005-11 mounting clip secures free hanging connectors where panel mounting is not an option
- Innovative twist and lock (TNL) cap offering was designed to allow moisture to drip away from the connection in refrigeration applications

APPLICATIONS

- Major Home Appliances
- HVAC
- Industrial Machinery
- Automation & Control Equipment
- Lighting
- Automotive
- Vending Machines
- Lawn Tools

LEARN MORE

- Landing Page
- Quick Reference Guide (QRG)

*GWT refers to glow wire testing. For more information on glow wire testing please review the white paper Glow Wire Testing for the Appliance Industry or visit the Glow Wire Capable Connectors product page