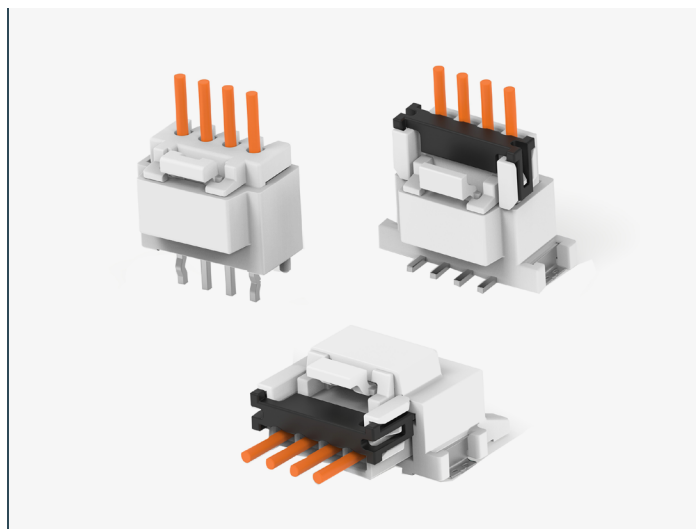


INTRODUCING 2.0MM SIGNAL GRACE INERTIA CONNECTOR SERIES

CRIMP AND IDC TECHNOLOGY

- Prevent half-mating with inertia locking mechanism
- Compact, space saving design
- Prevent latch breakage with anti-snag feature



The market is demanding miniaturized, reliable connectors that provide cost saving opportunities. Understanding the needs of our customers, our engineers designed the 2.0mm Signal GRACE INERTIA connector system, the ideal solution to help save space on printed circuit boards (PCB) with added reliability through our optional terminal position assistance (TPA) accessories.

APPLICATIONS

- Air Conditioning
- Refrigerators
- Laundry (washer and dryer)
- Air Purifier
- Water Purifier
- Robotics Lawn Mowers and Vacuum
- Microwave Oven
- Oven
- Coffee Maker
- Automotive Side Mirror Defrosters

TARGET MARKETS

Design and Manufacturing Engineers across:

- Large and Small Home Appliances
- Lawn and Garden
- Automotive
- Lighting

ELECTRICAL

- Voltage Rating: 50 VAC
- Current Rating: 2.5A Max (AWG22)

MECHANICAL

- Housing Temperature Rating up to 105°C

LEARN MORE

- [Landing Page](#)
- [Product Flyer](#)

KEY BENEFITS

- 2.0mm centerline provides a compact and space-saving design
- Inertia locking mechanism provides ideal mating reliability and eliminates the need for complicated inspection processes
- The inertia locking mechanism also helps prevent unexpected disconnection or half mating
- Two keying and color options
- Available in both IDC type and crimp options
- Use of IDC technology enables mass termination to provide higher automatic assembly efficiency and offers strain relief features and VDE certifications
- New anti-snag feature can help prevent wires from snagging on the latch and helps prevent latch breakage
- 2-10 positions available
- Option terminal position assurance (TPA)
- Meets GWT 750°C no flame requirement and UL 94 V-0 industry safety standards
- Available Through Hole (T/H), Vertical and Right Angle Surface Mount (SMT, RA SMT) shrouded headers.

STANDARDS AND SPECIFICATIONS

- UL10272 and UL1061 (IDC)
- [108-143160](#) (Crimp) and [108-106266](#) (IDC) – Product Spec
- [114-143160](#) (Crimp) and [114-106266](#) (IDC) – Application Spec
- Engineering Report
- Instruction Sheet
- Quality Test Report: [501-139243](#) & [501-106266](#)

MATERIALS

- UL94 - V0
- VDE (IDC Version)
- GWT750