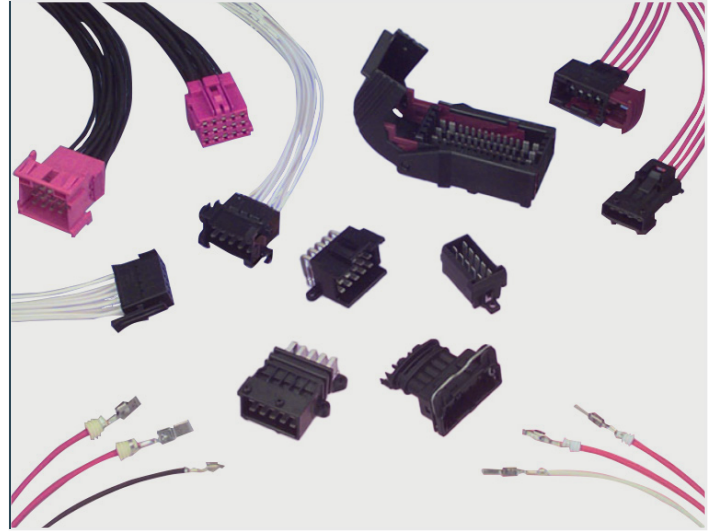


INTRODUCING TIMER INTER- CONNECTION SYSTEM

- Open front-end geometry of the female contact allows the mating of tabs in an oblique condition and allows the housings to be mated in a hinged fashion
- Higher pin counts can be mated at a reduced force



The comprehensive range of Timer contacts consists of a flat receptacle (open front-end geometry), which mates with a flat tab in an oblique condition while maintaining a stable contact geometry. The 2-piece receptacle contact design has four contact springs, which are independent of each other allowing for electrical and mechanical properties to be separated and provides a stainless-steel jacket for support and protection during harness assembly and handling, while providing higher contact retention in the housing. Timer connectors are available as receptacle and tab housings for free-hanging coupling in wiring harnesses as well as group connections. Suitable for high position connections up to 121 positions with a lever to provide easy mating. A time-proven, robust mature product family serving numerous automotive applications through design flexibility, electrical performance.

KEY BENEFITS

MATING FLEXIBILITY

- Enables variety of mating directions while maintaining stable contact geometry with open front-end female contact design
- Allows housings to be mated in a hinged fashion
- Reduced mating force for higher pin counts

DESIGN FLEXIBILITY

- Sealed and unsealed versions
- Wire-to-wire, wire-to-board and wire-to-device applications
- Polarization feature with key/color coding to prevent missed connections
- Hybrid versions compatible with MGS connector family for signal and power contacts

STAINLESS STEEL JACKET

- Supports the contact for superior stress relaxation at elevated temperatures and damage due to abusive mating
- Protects the box spring during harness assembly and handling
- Provides dual locking and higher contact retention in housing
- Maintains stable normal force over time

PLATING & TEMPERATURE (dependent on contact size)

- Sn / Select Ag / Select Au
- Contact plating temperature ranges -40 to +150°C
- Contact to contact mating ranges 10 to 100 cycles

TARGET MARKETS

- Automotive
- Appliance
- Energy
- Industrial

APPLICATIONS

- Mirrors
- Seat connectors
- Power lift gate
- Radio
- Electronic power steering
- Engine/powertrain control unit
- HVAC
- Door control modules
- Body control modules
- Main/Door harness
- Transmission control unit

LEARN MORE

- [Timer Interconnections System TE product page](#)