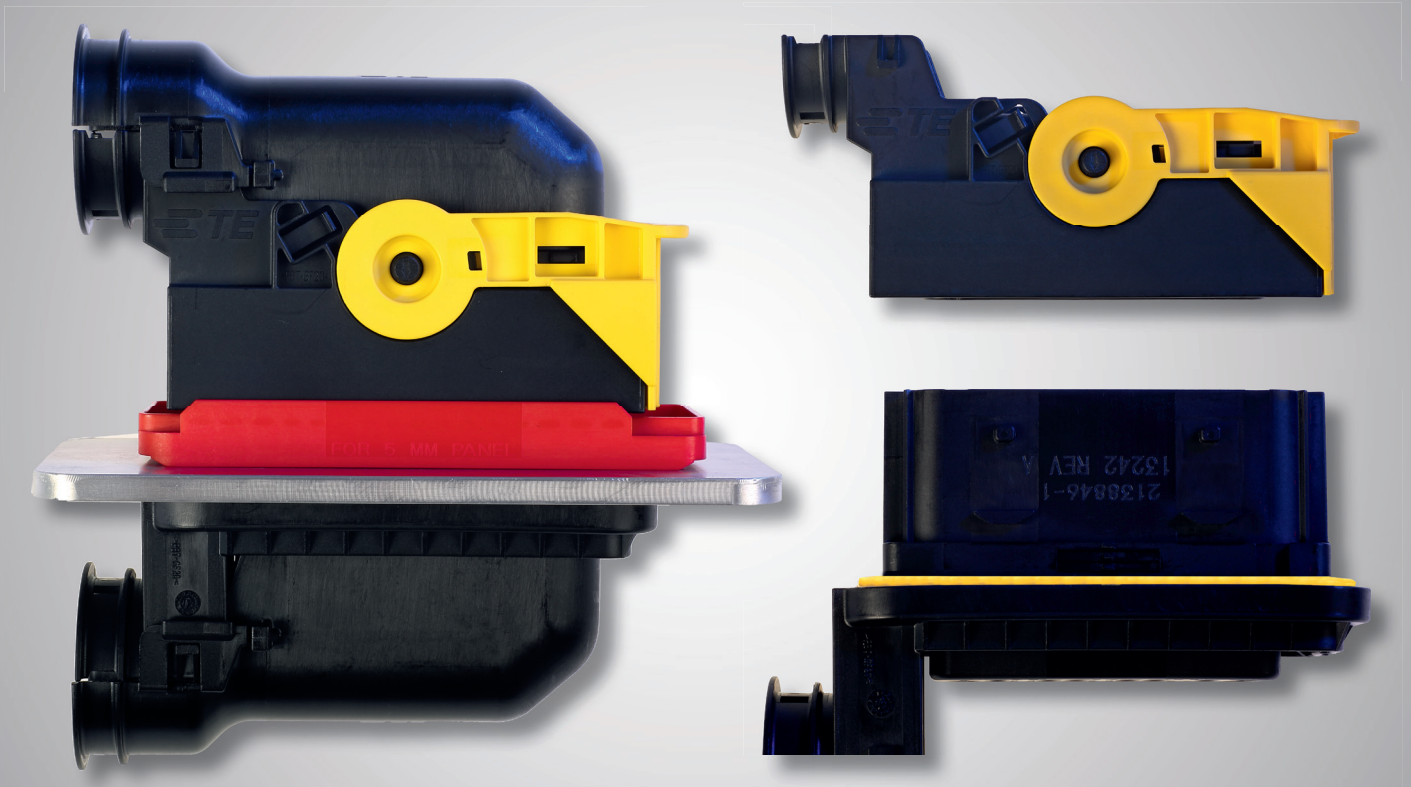




## Introducing AMPSEAL 16 hybrid lever

TE Connectivity's AMPSEAL 16 hybrid lever connector system utilizes circular stamped and formed or screw machine terminals. The hybrid pin out arrangement is designed to provide the flexibility needed for various vehicle applications.

The connector system offers environmental protection by providing sealing to the wires, between the connector halves and to the panel. The design allows for the toolless mounting of the connector to the panel thus providing reduced application cost and time for customers.

RoHS  
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INDUSTRIAL & COMMERCIAL  
TRANSPORTATION

## AMPSEAL 16 hybrid lever

### KEY FEATURES

- Accepts circular stamped and formed or screw machine terminals.
- Hybrid pin out arrangement; multiple terminal sizes in the same housing.
- Lever - Slide mechanism for smooth mating and unmating.
- Sealed connector system; sealing to the wires, between connectors and to the panel.
- Toolless mounting and unmounting to the panel using the drop-and-slide mounting clip.
- Pre-staged TPA on the plug and cap assemblies.
- Toolless TPA removal on the plug assembly.
- Mechanical as well as color coded keying.
- Same wire cover can be used on the plug and cap assemblies.
- Different color mounting clips for different panel thicknesses providing easy identification and application.



### ■ APPLICATIONS

- Pass Through / Bulkhead
- Wire to Wire / Bracket Mount

### ■ MECHANICAL

- Mating Force: 90 N max.
- Polarization Effectiveness: 178 N min.
- Connector Retention: 444 N min.
- Terminal Retention: 111 N min. (size 12 and size 16)
- Mating Cycles: 50 max. (gold plated terminals)
- Operating Temperature: -55°C to 125°C

### ■ ELECTRICAL

- Withstanding Voltage: 2100 VDC (at sea level)
- Insulation Resistance: 20 MΩ (at 1000 VDC)

### ■ STANDARDS AND SPECIFICATIONS

- 108-32036
- 114-13045  
0425-208-0000  
0425-041-0000  
(for stamped and formed terminals)
- 0425-205-0000  
(for solid terminals)

### ■ PRODUCT OFFERING

| Part number | Part Name     |
|-------------|---------------|
| 2138839-x   | Plug Assembly |
| 2138846-x   | Cap Assembly  |
| 2138852-x   | Mounting Clip |
| 2138853-x   | Wire Cover    |