



Connectors > Automotive Connectors > Automotive Housings > MULTILOCK, CONNECTOR HOUSING



Number of Positions: 22

Connector & Housing Type: **Housing for Female Terminals**

Mating Tab Width: 1 mm, 1.8 mm [.039 in, .071 in]

Connector System: **Wire-to-Wire**

Centerline (Pitch): 3 mm, 3.5 mm [.11 in, .13 in]

[All MULTILOCK, CONNECTOR HOUSING \(125\)](#)

Features

Product Type Features

|                                   |                              |
|-----------------------------------|------------------------------|
| Mixed & Hybrid Connector          | Yes                          |
| Connector Shape                   | Rectangular                  |
| Connector & Housing Type          | Housing for Female Terminals |
| Connector System                  | Wire-to-Wire                 |
| Sealable                          | No                           |
| Primary Locking Feature           | Integrated in Housing        |
| Connector & Contact Terminates To | Wire & Cable                 |

Configuration Features

|                     |    |
|---------------------|----|
| Number of Positions | 22 |
| Number of Rows      | 2  |

Electrical Characteristics

|                   |        |
|-------------------|--------|
| Operating Voltage | 12 VDC |
|-------------------|--------|



Body Features

|                       |      |
|-----------------------|------|
| Cable Exit Angle      | 180° |
| Primary Product Color | Gray |

Contact Features

|                  |                                 |
|------------------|---------------------------------|
| Contact Size     | 1.8mm, 1mm                      |
| Contact Type     | Receptacle                      |
| Mating Tab Width | 1 mm, 1.8 mm [.039 in][.071 in] |

Mechanical Attachment

|                             |                            |
|-----------------------------|----------------------------|
| Strain Relief               | Without                    |
| Terminal Position Assurance | No                         |
| Mating Alignment Type       | Polarization               |
| Mating Alignment            | With                       |
| Connector Mounting Type     | Cable Mount (Free-Hanging) |

Housing Features

|                    |                               |
|--------------------|-------------------------------|
| Housing Material   | PBT                           |
| Centerline (Pitch) | 3 mm, 3.5 mm [.11 in][.13 in] |

Dimensions

|                    |                   |
|--------------------|-------------------|
| Row-to-Row Spacing | 5.2 mm [.2 in]    |
| Product Width      | 28 mm [1.1 in]    |
| Product Length     | 36.1 mm [1.42 in] |
| Connector Height   | 21 mm [.82 in]    |

Usage Conditions

|                             |                                                                                                            |
|-----------------------------|------------------------------------------------------------------------------------------------------------|
| Operating Temperature (Max) | 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C [158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F] |
| Operating Temperature Range | -30 – 105 °C [-22 – 221 °F]                                                                                |

Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Industry Standards

|                        |         |
|------------------------|---------|
| UL Flammability Rating | UL 94HB |
|------------------------|---------|

Packaging Features

|                    |    |
|--------------------|----|
| Packaging Quantity | 50 |
|--------------------|----|



Other

|                                      |     |
|--------------------------------------|-----|
| Serviceable                          | Yes |
| Connector Position Assurance Capable | No  |

Product Compliance

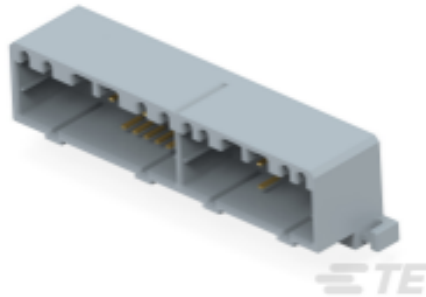
For compliance documentation, visit the product page on TE.com>

|                                               |                                                                                                                               |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Compliant                                                                                                                     |
| EU ELV Directive 2000/53/EC                   | Compliant                                                                                                                     |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold                                                                                       |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free                                           |
| Solder Process Capability                     | Not applicable for solder process capability                                                                                  |

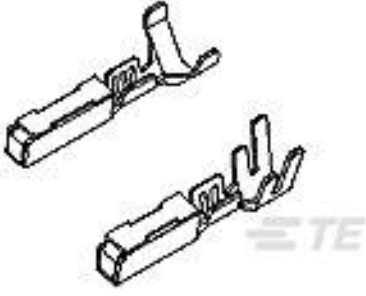
Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

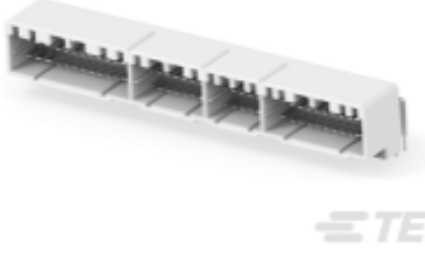
Compatible Parts



TE Part # 8-5174917-6  
HYBRID I/O CAP ASSY 48P GRAY



TE Part # 175061-2  
040 HDIO REC CONTACT GOLD L/P

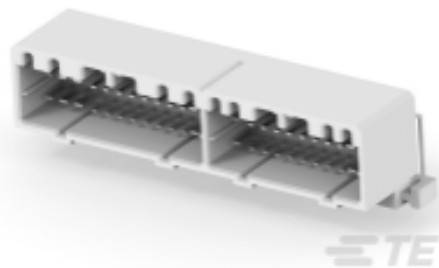


TE Part # 178780-1  
040/070 HYBRID CAP ASSY 76P

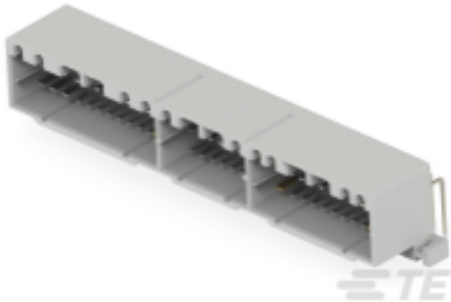


TE Part # 175026-1  
070 REC CONTACT L.P 24-22

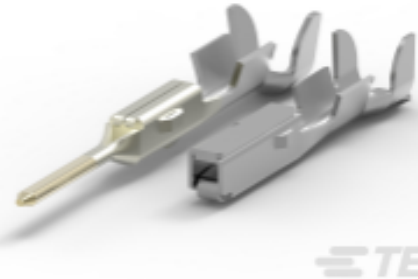




TE Part # 174917-1  
HYBRID I/O CONN CAP ASSY 48P



TE Part # 177609-1  
040/070 I/O CAP HSG ASSY 64P



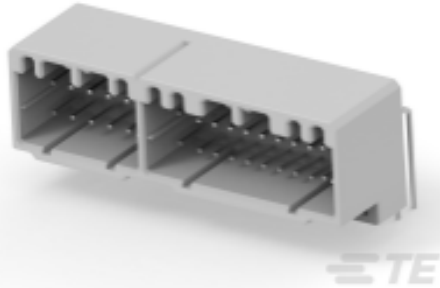
TE Part # CAT-M9194-T273  
MULTILOCK, RECEPTACLE AND TAB



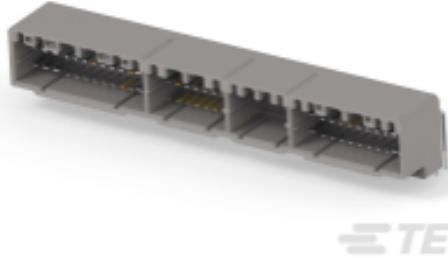
TE Part # CAT-LMPH9507  
Low & Medium Power Header



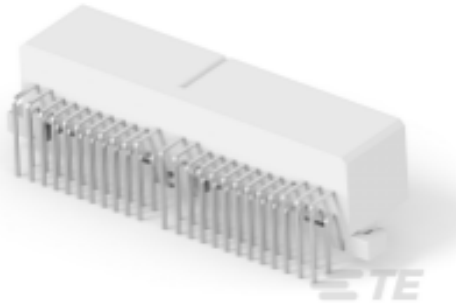
TE Part # CAT-HPCH5372  
High Pin Count Header



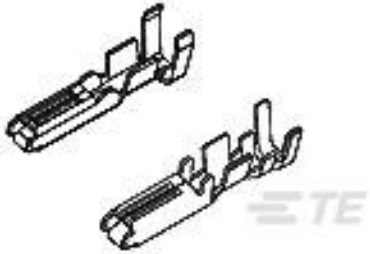
TE Part # 175444-9  
HYBRID I/O CAP ASSY 34P



TE Part # 4-177771-6  
04/07 HYBRID CAP ASSY 76P



TE Part # 174917-2  
HYBRID I/O CONN CAP ASSY 48P



TE Part # 345208-1  
070 SERIES RECEPT.

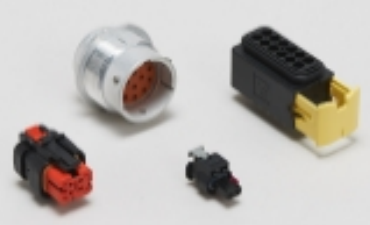
Also in the Series | **Multilock Connector System**



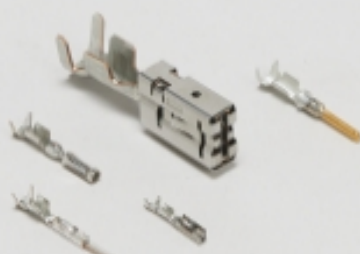
Automotive Connector Caps & Covers  
(5)



Automotive Headers(75)



Automotive Housings(138)



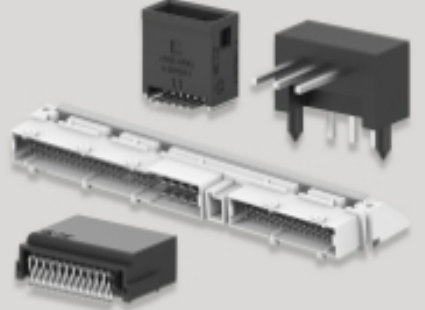
Automotive Terminals(76)



Insertion & Extraction Tools(6)



Other Automotive Connector  
Accessories(5)

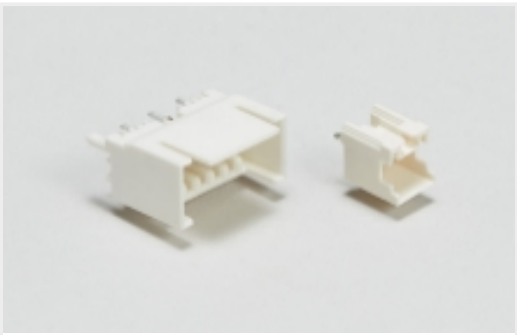


PCB Headers & Receptacles(75)



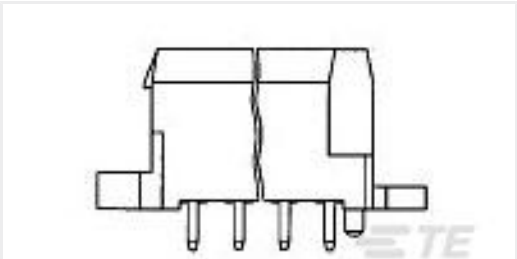
Rectangular Power Connectors(6)



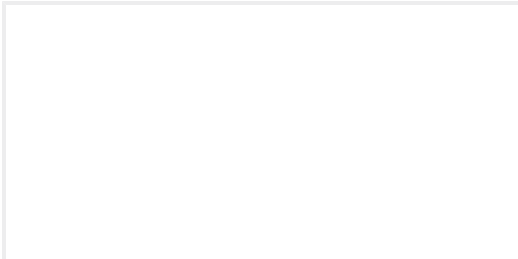


Wire-to-Board Headers & Receptacles  
(73)

Customers Also Bought



TE Part #963357-1  
2X11P MESSERLEISTE



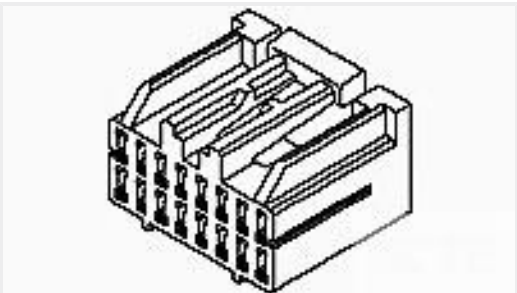
TE Part #2434996-1  
AMP SUPERSEAL 1.5 SERIES 2P CA,  
CONN KIT



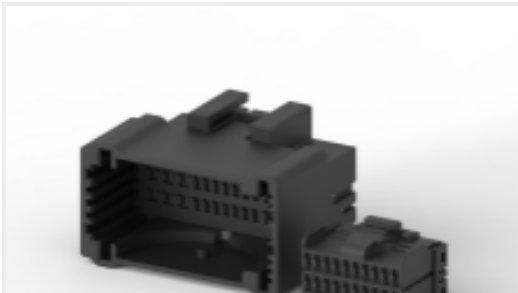
TE Part #174915-6  
HYBRID 76P CAP ASS'Y



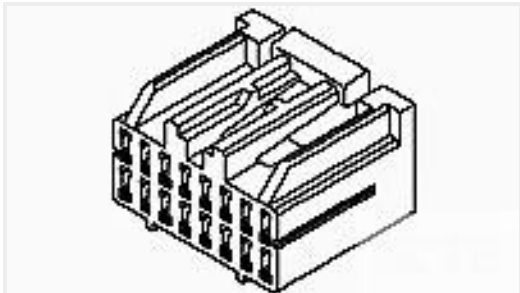
TE Part #966658-1  
32pos MQS .63 header 180deg



TE Part #179681-6  
04/07-2 HD HYBRID PLUG ASY 32P



TE Part #CAT-M9194-CH8172  
MULTILOCK, CONNECTOR HOUSING



TE Part #179678-6  
04/07-2 HD HYBRID PLUG ASY 16P

Documents

Product Drawings

HYBRID I/O CONN PLUG HSG 22P

Japanese

CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_174515-6\_D.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_174515-6\_D.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_174515-6\_D.3d\_stp.zip

English

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Datasheets & Catalog Pages

MULTILOCK Connector System

English

Product Specifications

Product Specification

English

Instruction Sheets

HYBRID I/O CONNECTOR

English

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