



Connectors > PCB Connectors > PCB Headers & Receptacles > AMPSEAL PCB Right-Angle Headers



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **35**

Number of Rows: **3**

[All AMPSEAL PCB Right-Angle Headers \(63\)](#)

Features

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| PCB Connector Type                | PCB Mount Header      |
| Connector System                  | Wire-to-Board         |
| Header Type                       | Fully Shrouded        |
| Sealable                          | Yes                   |
| Connector & Contact Terminates To | Printed Circuit Board |
| Connector Product Type            | Connector Assembly    |

Configuration Features

|                       |             |
|-----------------------|-------------|
| PCB Mount Orientation | Right Angle |
| Number of Positions   | 35          |
| Number of Rows        | 3           |

Body Features

|                         |       |
|-------------------------|-------|
| Connector & Keying Code | 1     |
| Primary Product Color   | Black |

Contact Features

|                                      |          |
|--------------------------------------|----------|
| Contact Mating Area Plating Material | Tin (Sn) |
| Contact Type                         | Pin      |



|                              |     |
|------------------------------|-----|
| Contact Current Rating (Max) | 8 A |
|------------------------------|-----|

Termination Features

|                           |                       |
|---------------------------|-----------------------|
| Termination Method to PCB | Through Hole - Solder |
|---------------------------|-----------------------|

Mechanical Attachment

|                         |             |
|-------------------------|-------------|
| PCB Mount Retention     | With        |
| PCB Mount Alignment     | With        |
| Connector Mounting Type | Board Mount |
| Mating Alignment        | With        |

Housing Features

|                    |               |
|--------------------|---------------|
| Centerline (Pitch) | 4 mm[.157 in] |
|--------------------|---------------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 105 °C[-40 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Industry Standards

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

|                  |      |
|------------------|------|
| Packaging Method | Tray |
|------------------|------|

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                               | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                |
| Solder Process Capability                     | Wave solder capable to 265°C                                                                                                  |

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

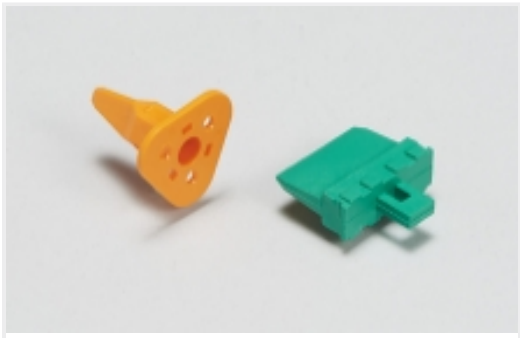


TE Part # CAT-AM78-CH8172  
AMPSEAL Receptacle Housings

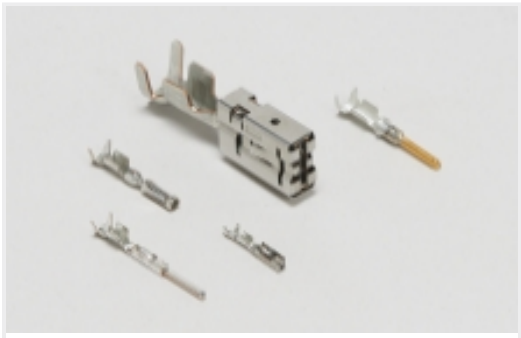


TE Part # 2374209-4  
FACIAL SEAL,AMPSEAL,35 POSITION, HEADER

Also in the Series | AMPSEAL



Automotive Connector Locks & Position Assurance(1)



Automotive Terminals(8)

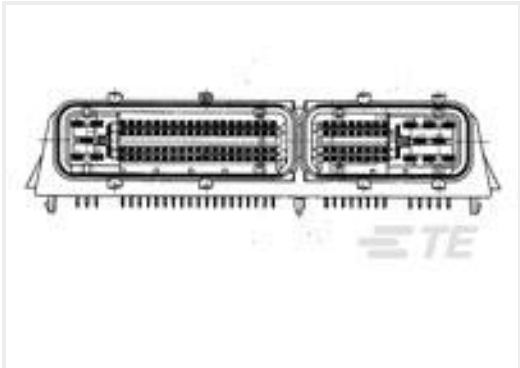


Connector Caps & Covers(1)



Rectangular Power Connectors(126)

Customers Also Bought



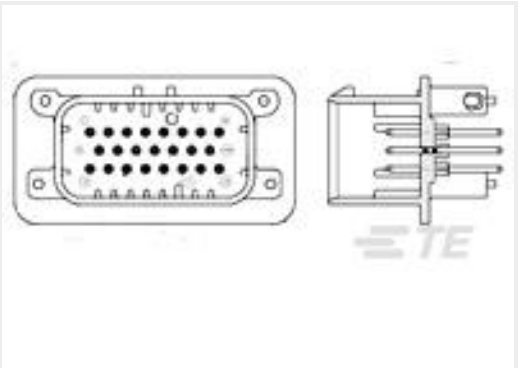
TE Part #1746979-1  
ECU 121P HDR ASSY-PBT



TE Part #DTM13-12PA-R008  
HDR, 12P, BLK, RA EEC, NI/CU, A



TE Part #776180-5  
35POS,PIN DIA 1.3,HDR ASSY,90DEG, COD 5



TE Part #776231-4  
35POS,PIN DIA 1.3,HDR ASSY, 180DEG,COD 4





TE Part #2-2825261-4  
24P VAL-U-LOK HCS VRT HDR W/P V0



TE Part #2825261-8  
8P VAL-U-LOK HCS VRT HDR W/P V0



TE Part #CAT-D487-H342  
DEUTSCH DT Headers



TE Part #1544550-4  
AUTO 3 PTS

Documents

Product Drawings

35POS,PIN DIA 1.3,HDR ASSY,90DEG,COD 1

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_776180-1\_M.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_776180-1\_M.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_776180-1\_M.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

AMPSEAL Connector Series

English

AMPSEAL Connector Catalog

English

ICT Terminals and Connectors Catalogue

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English