

776180-1 ✓ ACTIVE

[AMP](#) | [AMPSEAL](#)

TE Internal #: 776180-1

PCB Mount Header, Right Angle, Wire-to-Board, 35 Position, 4 mm [.157 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder, Sealable, AMPSEAL

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[Connectors](#) > [PCB Connectors](#) > [PCB Headers & Receptacles](#) > [AMPSEAL PCB Right-Angle Headers](#)



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

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

Features

Other

EU RoHS Compliance **Compliant**

EU ELV Compliance **Compliant**

Product Type Features

PCB Connector Assembly Type **PCB Mount Header**

Connector System **Wire-to-Board**

Header Type **Fully Shrouded**

Sealable **Yes**

Connector & Contact Terminates To **Printed Circuit Board**

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
Contact Type	Pin
Contact Current Rating (Max)	8 A

Termination Features

Termination Method to PCB	Through Hole - Solder
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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]
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Usage Conditions

Operating Temperature Range	-40 – 105 °C [-40 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Tray
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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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

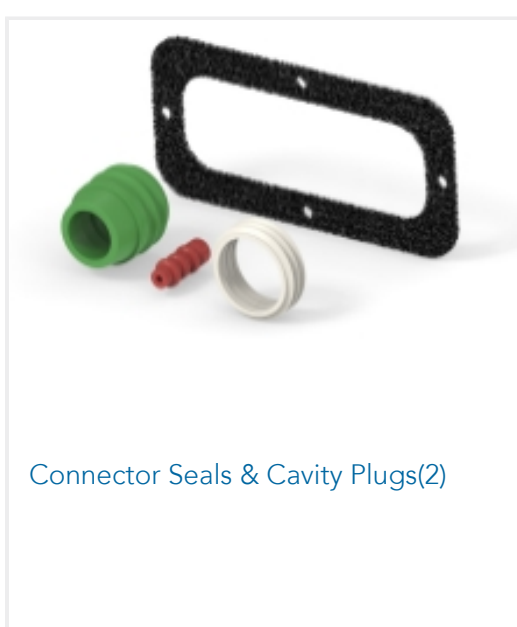
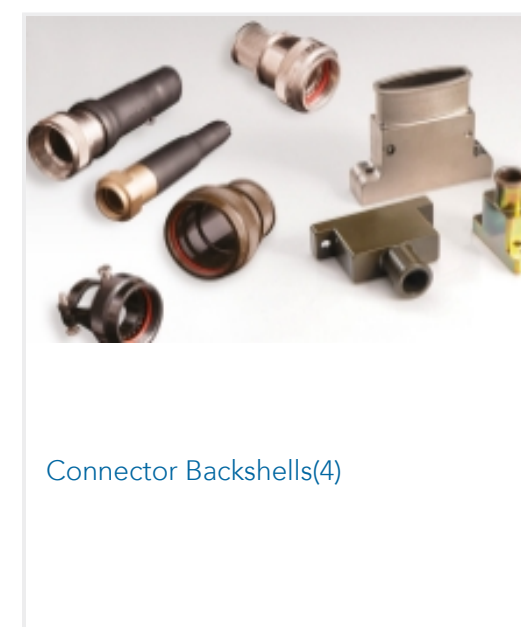
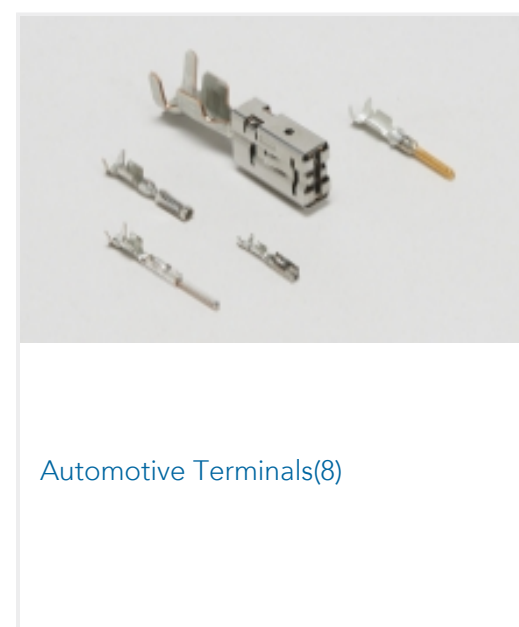
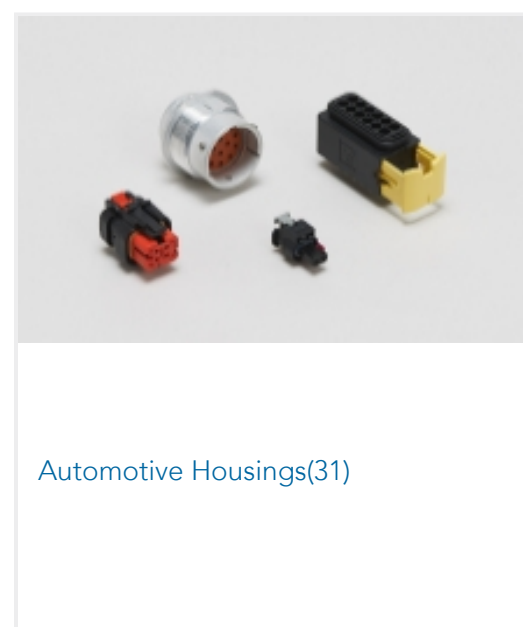
Product Compliance Disclaimer

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



Also in the Series | AMPSEAL



Customers Also Bought



TE Part #DTF15-12PD
DEUTSCH DT Headers



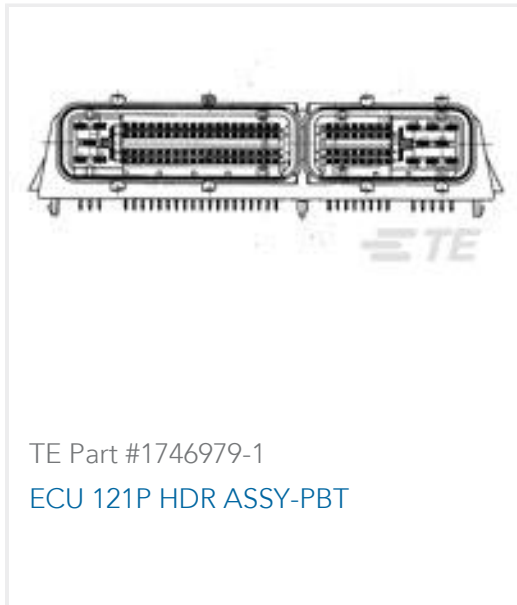
TE Part #776231-1
AMPSEAL PCB Vertical Headers



TE Part #776180-4
AMPSEAL PCB Right-Angle Headers



TE Part #171366-1
17P HOR CAP HSG WIRE TO PCB



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



TE Part #1-5174480-1
070 MLC CAP ASS'Y 42P (H)



TE Part #176122-6
HYBRID CAP ASSY 64P

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