



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

Connector Shape	Rectangular
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	Housing

Configuration Features

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

Body Features

Connector & Keying Code	4
Primary Product Color	Gray

Contact Features

Contact Mating Area Plating Material	Gold (Au)
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Contact Type	Pin
Contact Current Rating (Max)	17 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 – 125 °C[-40 – 257 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

IP Rating	IP6K7, IP6K9K
UL Flammability Rating	UL 94V-0

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

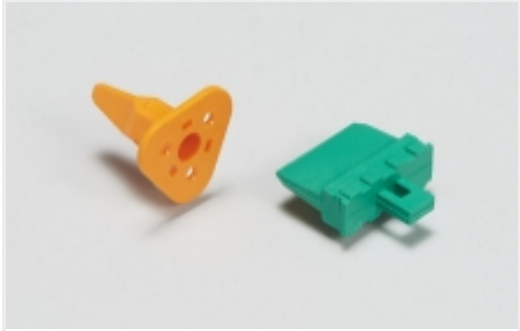
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

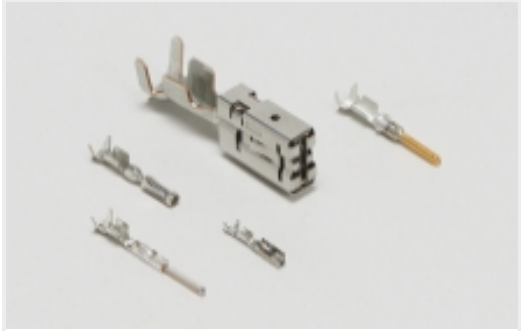


TE Part # CAT-AM78-CH8172
[AMPSEAL Receptacle Housings](#)

Also in the Series | AMPSEAL



Automotive Connector Locks & Position Assurance(1)



Automotive Terminals(8)



Connector Caps & Covers(1)



Rectangular Power Connectors(126)

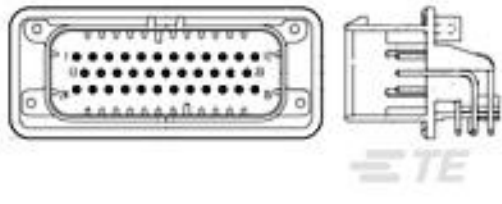
Customers Also Bought



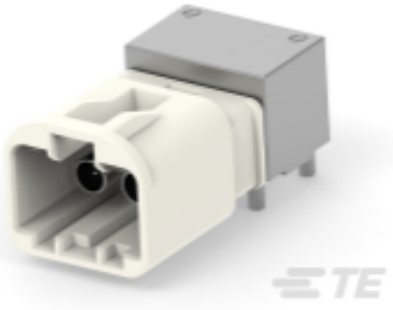
TE Part #4-2177372-3
8POS,TAB 0.5X0.4,HEADER ASSY, CODA



TE Part #2405707-1
4P,MATE-AX,HDR ASSY,90DEG,COD A

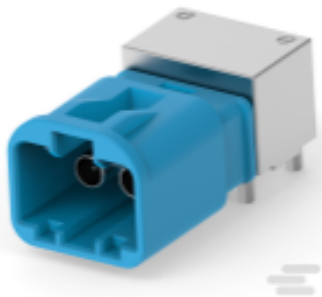


TE Part #1-776163-2
35POS,PIN DIA 1.3,HDR ASSY,90DEG, COD 2



TE Part #2306368-2
2P,MATE-AX,HDR ASSY,90DEG,COD B

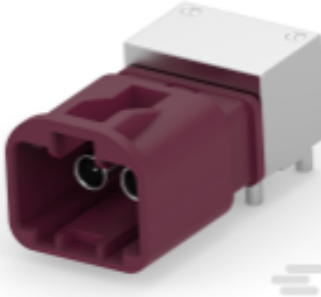




TE Part #2306368-3
2P,MATE-AX,HDR ASSY,90DEG,COD C



TE Part #2306368-1
2P,MATE-AX,HDR ASSY,90DEG,COD A



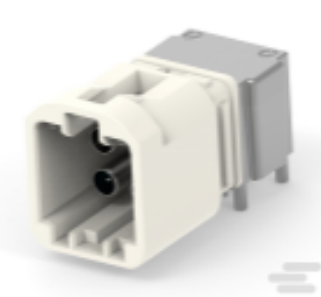
TE Part #2306368-4
2P,MATE-AX,HDR ASSY,90DEG,COD D



TE Part #2176093-9
RP 2A 0.25W 11K3 0.1% 25PPM 1K RL



TE Part #2321775-3
4P,MATE-AX,HDR ASSY,90DEG,COD C



TE Part #2321775-2
4P,MATE-AX,HDR ASSY,90DEG,COD B

Documents

Product Drawings

35POS,AMPSEAL,PIN HSG ASSY,SLD,COD 4

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-776163-4_S.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-776163-4_S.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-776163-4_S.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