776231-2 ✔ ACTIVE

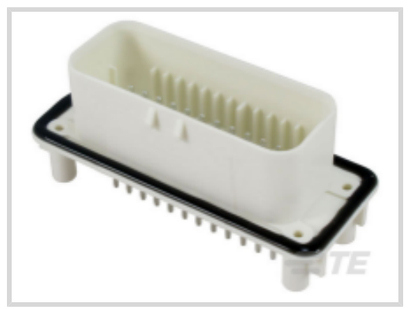
AMP | AMPSEAL

TE Internal #: 776231-2

Vertical, Wire-to-Board, 35 Position, 3 Row, 4mm [.157in] Centerline, Tin (Sn), Sealable, Printed Circuit Board, AMPSEAL

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Headers > AMPSEAL PCB Vertical Headers



PCB Mount Orientation: **Vertical**

Contact Current Rating (Max): **8 A**

Termination Method to PCB: **Through Hole - Solder**

Sealable: **Yes**

Centerline (Pitch): **4 mm [.157 in]**

All AMPSEAL PCB Vertical Headers (56)

Features

Product Type Features

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

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	35
Number of Rows	3

Body Features

Connector & Keying Code	2
Primary Product Color	Natural

Contact Features

Contact Type	Pin
Contact Current Rating (Max)	8 A
Contact Mating Area Plating Material	Tin (Sn)

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	Without
Connector Mounting Type	Board Mount

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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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

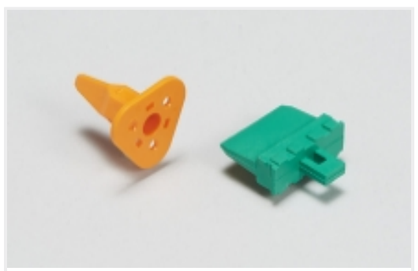
EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical 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



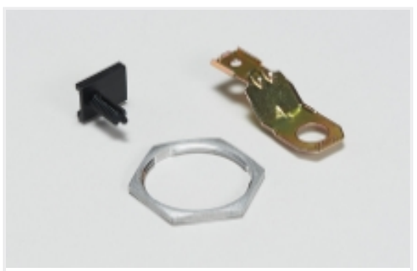
Automotive Connector Locks & Position Assurance(1)



Automotive Seals & Cavity Plugs(2)

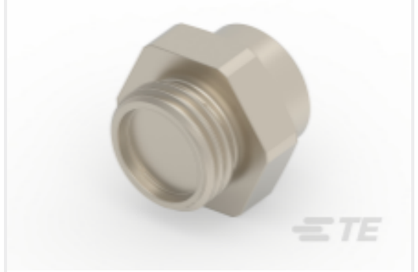


Connector Caps & Covers(1)



Other Automotive Connector Accessories(2)

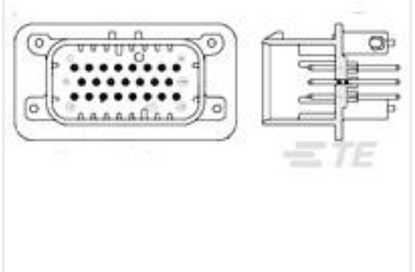
Customers Also Bought



TE Part #254154-E
M8 METAL SHELL, FEMALE, VERT, 9MM



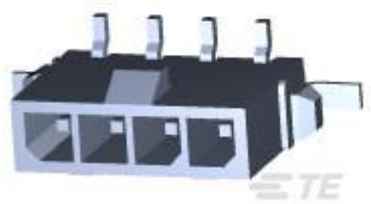
TE Part #484599-E
M8 FEMALE, A CODE, 3P, 16.25MM SMT



TE Part #776231-1
35POS,PIN DIA 1.3,HDR ASSY, 180DEG,COD 1



TE Part #2-1445087-3
MICRO MNL HDR ASSY S/ROW AU LF



TE Part #2-1445087-4
MICRO MNL HDR ASSY S/ROW AU LF



TE Part #8-1676480-7
CRG0402 1% 750R



TE Part #1-1969582-0
ASSY, HDR, VERT, NO-BOSS, DUAL ROW,EP2.5



TE Part #1-1969582-6
ASSY, HDR, VERT, NO-BOSS, DUAL ROW,EP2.5



TE Part #1969730-3
EP2.5 SHROUDED HDR ASSY 3P VERTICAL



TE Part #3-2176347-6
CRGCQ 2010 8K2 1%

Documents

Product Drawings

35POS,PIN DIA 1.3,HDR ASSY,180DEG,COD 2

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_776231-2_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_776231-2_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_776231-2_D.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