

1-776163-4 ✓ ACTIVE

AMP | AMPSEAL

TE Internal #: 1-776163-4

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

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

Number of Positions: **35**

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

Sealable: **Yes**

PCB Mount Orientation: **Right Angle**

[All AMPSEAL PCB Horizontal Headers \(54\)](#)

Features

Product Type Features

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

Configuration Features

Number of Sections	1
Number of Signal Positions	35
Number of Positions	35
PCB Mount Orientation	Right Angle
Number of Rows	3

Body Features

Primary Product Color	Gray
Connector Code	21, 9

Contact Features



Contact Size	1.3mm
Contact Type	Pin
Contact Mating Area Plating Material	Gold over Nickel
Contact Current Rating (Max)	11 A

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

Mating Alignment Type	Keyed
Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	With
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	4 mm [.157 in]
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Usage Conditions

Operating Temperature Range	0 – 105 °C [-40 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Degree of Protection	IP6K7, IP6K9K
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Type	Tray
Packaging Quantity	160

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 2022 (223)



Candidate List Declared Against: JAN 2022
(223)

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

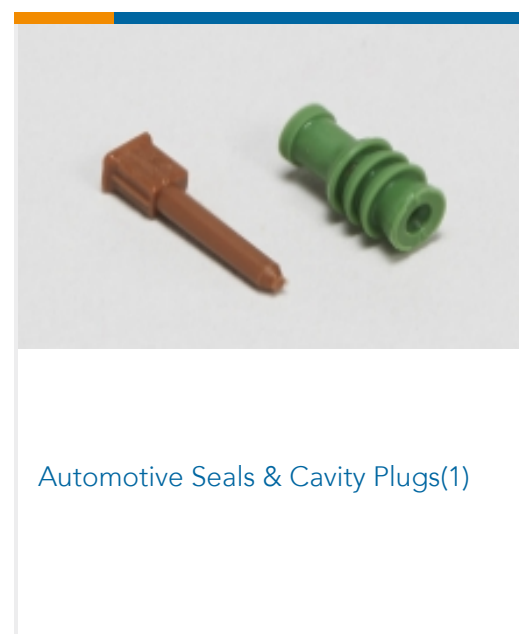
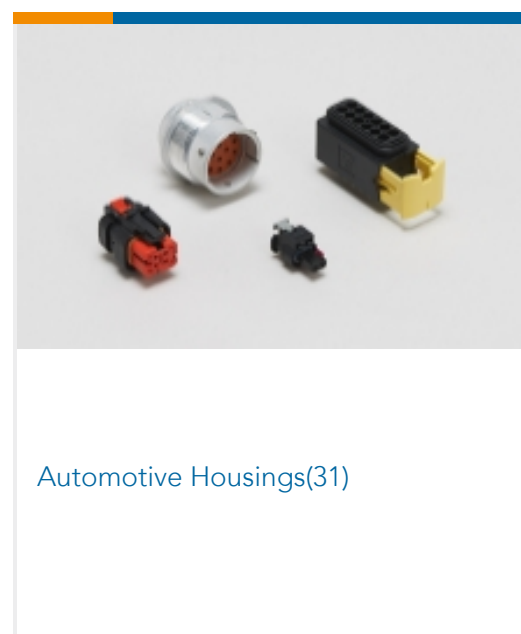
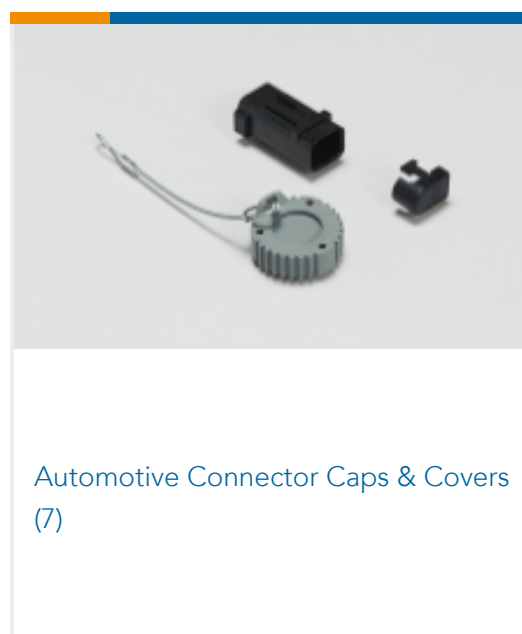
Product Compliance Disclaimer

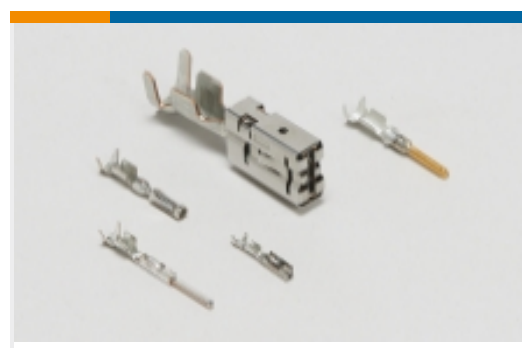
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

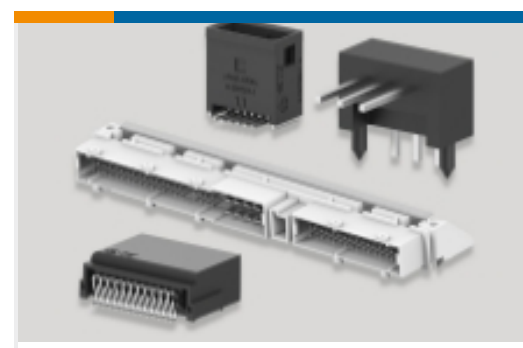


Also in the Series | AMPSEAL



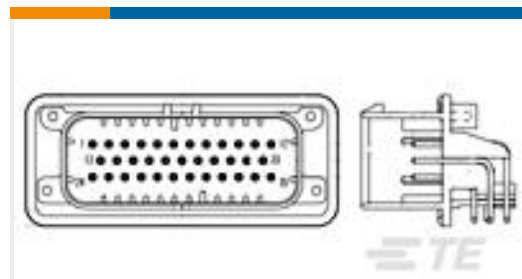
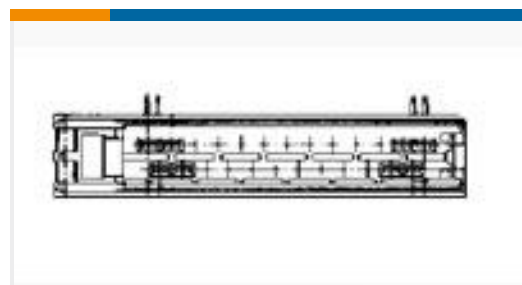
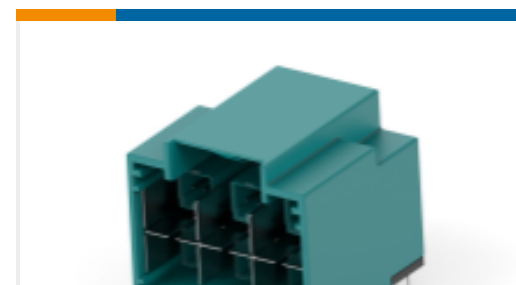


Automotive Terminals(8)



PCB Headers & Receptacles(109)

Customers Also Bought

TE Part #1-776163-5
35POS,AMPSEAL,PIN HSG ASSY,SLD,
COD 5TE Part #1-963484-1
HIGH PIN COUNT HEADERTE Part #174055-3
SIGNAL HEADERTE Part #2177372-3
MINIATURIZED HEADERTE Part #827535-1
25P MESSERLEISTETE Part #C78143-000
HM-445102-5-8ATE Part #2339800-9
MATENET 2X3 HEADER, 90DEG,
CODE Z

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 Catalog](#)

English

[ICT Terminals and Connectors Catalogue](#)

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Product Specifications

[Application Specification](#)

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Product Environmental Compliance

[Product Compliance](#)

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Agency Approvals

[UL Report](#)

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