

776164-6 ✓ ACTIVE

AMP | AMPSEAL

TE Internal #: 776164-6

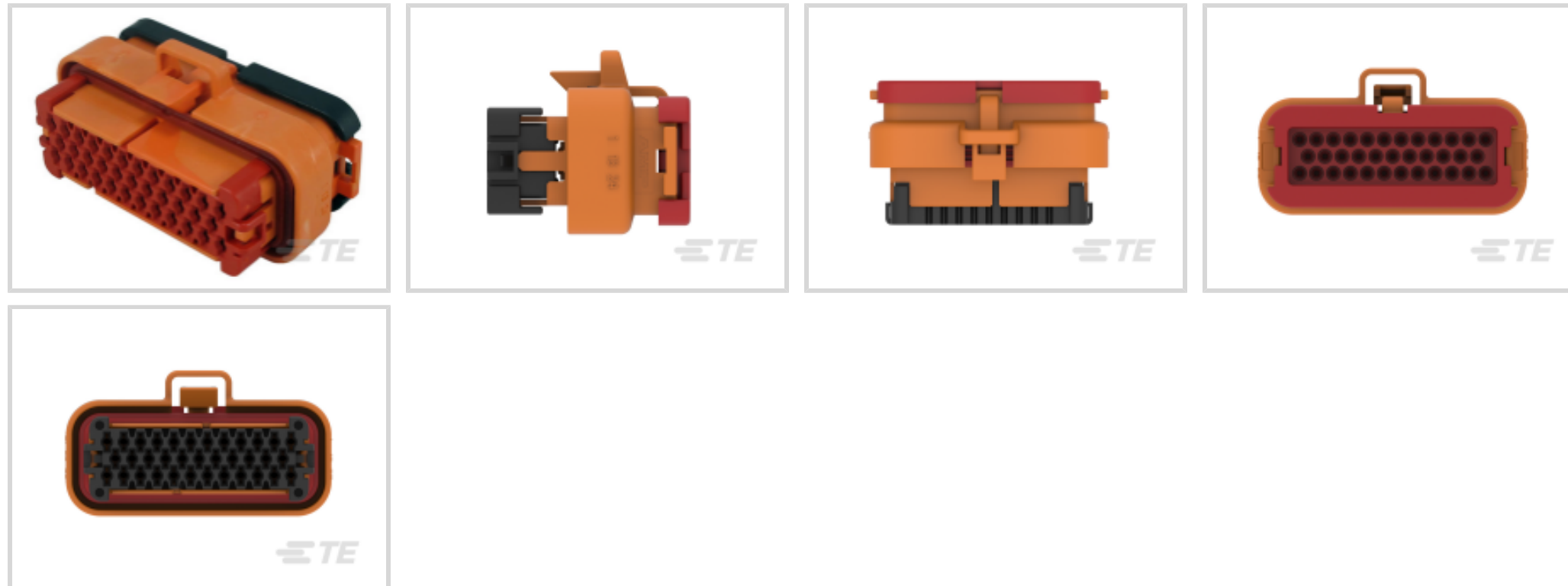
35 Position Housing, Plug, Wire-to-Board, 4 mm [.157 in]

Centerline, Sealable, Orange, Wire & Cable, Power, Cable Mount
(Free-Hanging), AMPSEAL

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Connectors > Automotive Connectors > Automotive Housings > AMPSEAL Receptacle Housings



Number of Positions: 35

Connector & Housing Type: Plug

Mating Pin Diameter: 1.3 mm [.051 in]

Connector System: Wire-to-Board

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

[All AMPSEAL Receptacle Housings \(31\)](#)

Features

Industry Standards

IP Rating	IP69K, IP67
UL Flammability Rating	UL 94V-0

Dimensions

Row-to-Row Spacing	4 mm [.157 in]
Product Width	33.6 mm [1.323 in]
Product Length	63.4 mm [2.496 in]
Connector Height	34.6 mm [1.362 in]

Packaging Features

Packaging Quantity	28
Packaging Method	Tray

Mechanical Attachment

Strain Relief	Add By Accessory
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Terminal Position Assurance	Yes
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Other

Serviceable	Yes
Connector Position Assurance Capable	No
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Electrical Characteristics

Operating Voltage	250 VAC
Nominal Voltage Architecture	250 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Orange
Connector & Keying Code	E

Housing Features

Housing Material	PBT
Centerline (Pitch)	4 mm [.157 in]

Contact Features

Contact Size	1.3mm
Contact Type	Socket
Mating Pin Diameter	1.3 mm [.051 in]
Contact Current Rating (Max)	17 A

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Plug
Connector System	Wire-to-Board
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable



Configuration Features

Number of Positions	35
Number of Rows	3

Usage Conditions

Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Circuit Application	Power
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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) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) Article Safe Usage Statements: Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

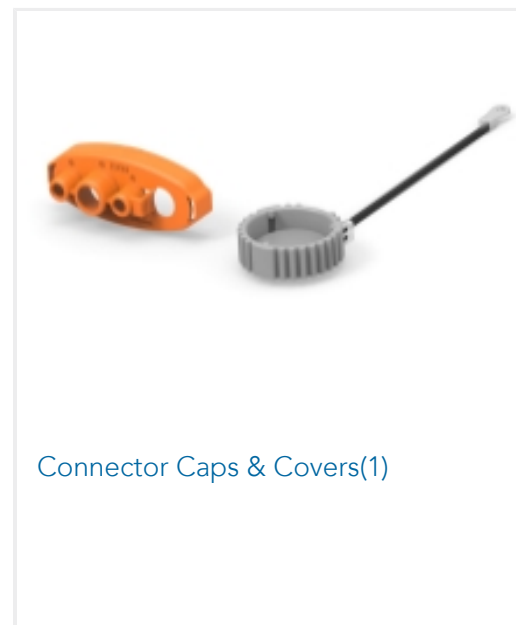
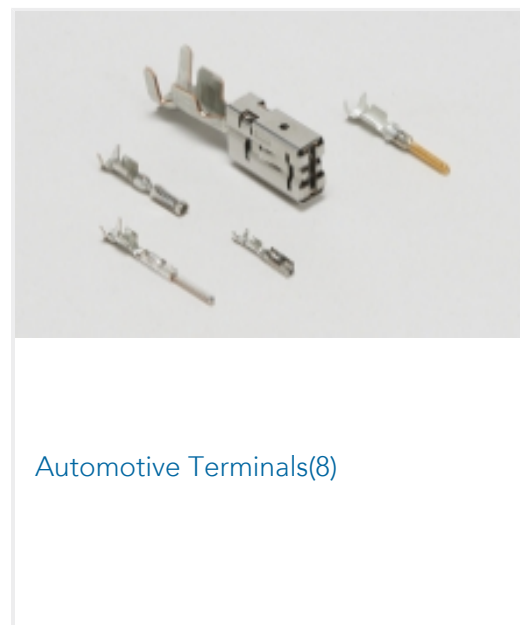
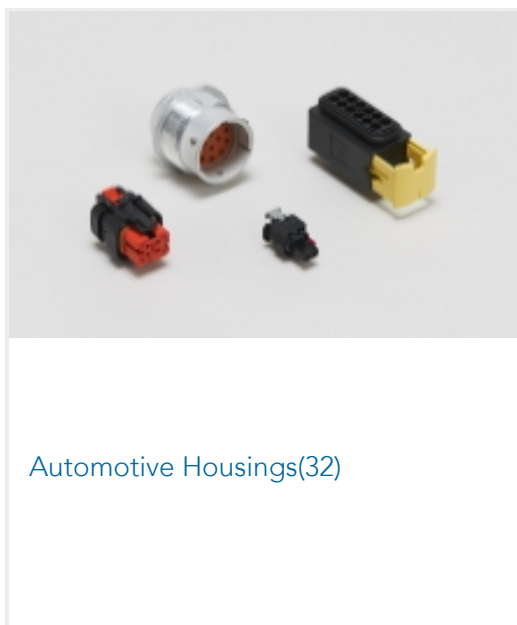
Product Compliance Disclaimer

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

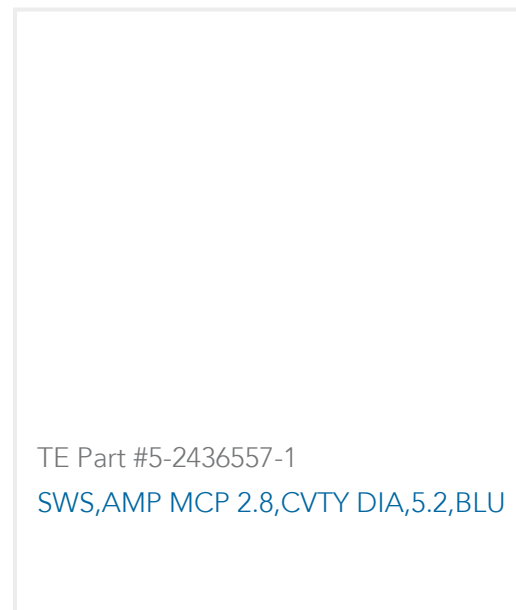




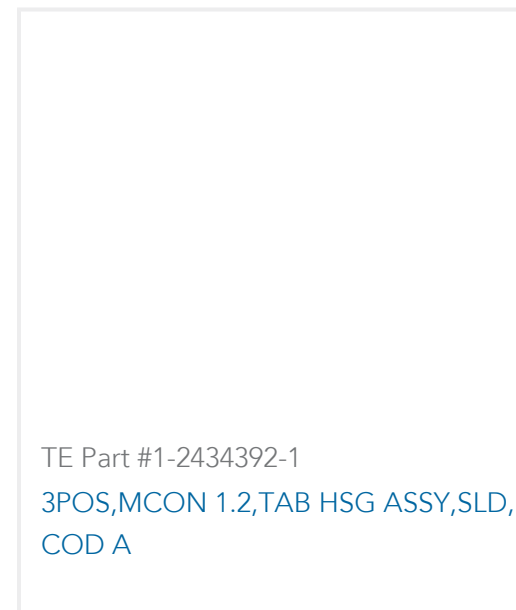
TE Part #1-776231-6
35POS,PIN DIA 1.3,HDR ASSY,
180DEG,COD 6



TE Part #776267-2
14POS,PIN DIA 1.3,HDR ASSY,90DEG,
COD 2



TE Part #5-2436557-1
SWS,AMP MCP 2.8,CVTY DIA,5.2,BLU
COD 2



TE Part #1-2434392-1
3POS,MCON 1.2,TAB HSG ASSY,SLD,
COD A



TE Part #284723-1
COVER FOR 60 POS RECEPTACLE HO

Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_776164-6_F.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_776164-6_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_776164-6_F.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

English

Product Specifications

Engineering Report

English

Instruction Sheets

Instruction Sheet (U.S.)

English

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35 Position Housing, Plug, Wire-to-Board, 4 mm [.157 in] Centerline, Sealable, Orange, Wire & Cable, Power, Cable Mount (Free-Hanging), AMPSEAL



[Agency Approvals](#)

[UL Report](#)

English