

2355844-1  ACTIVE

AMPSEAL 16

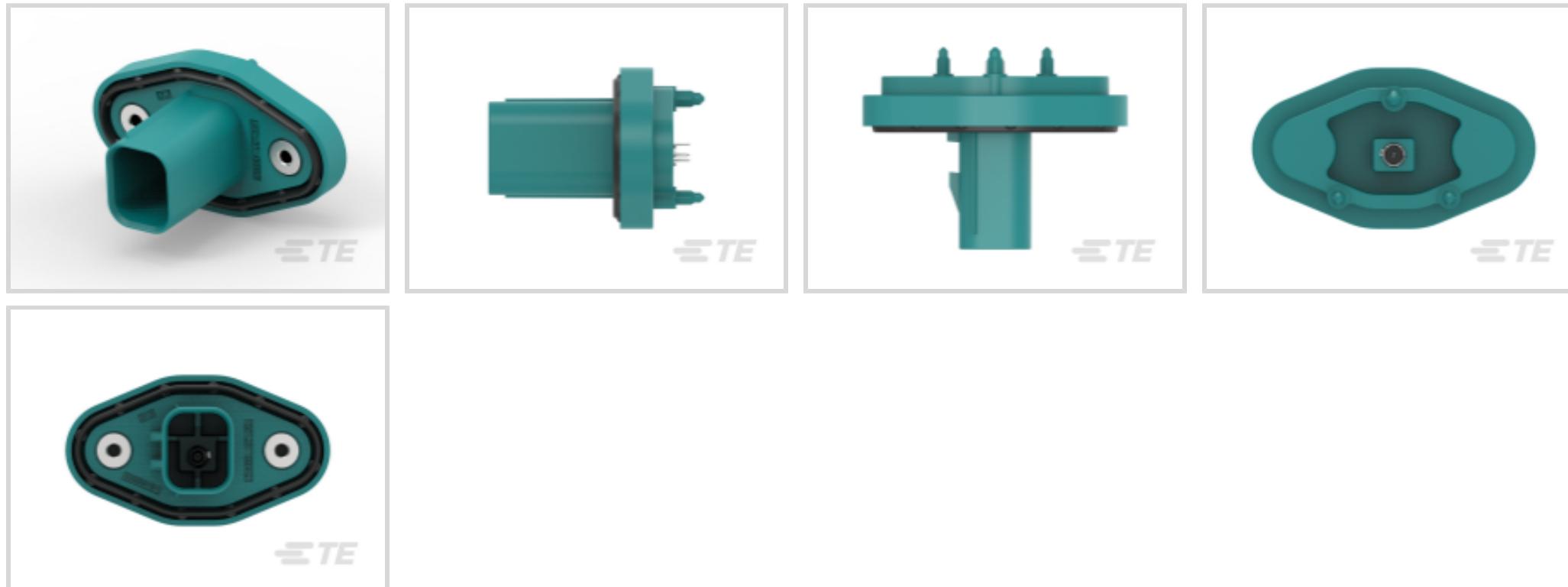
TE Internal #: 2355844-1

Data Connectivity Headers, A, Cable-to-Board, 1 Position, Sealable, Shielded, Vertical, Signal, Board Mount, -40 - 221 °F [-40 - 105 °C], AMPSEAL 16

[View on TE.com >](#)



Connectors > Automotive Connectors > Data Connectivity Systems > Data Connectivity Headers



Connector & Keying Code: **A**

Connector System: **Cable-to-Board**

Number of Positions: **1**

Sealable: **Yes**

Shielded: **Yes**

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Connector System	Cable-to-Board
Sealable	Yes

Configuration Features

Number of Positions	1
PCB Mount Orientation	Vertical

Electrical Characteristics

Impedance	50 Ω
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Body Features

Connector & Keying Code	A
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Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Housing Color

Water Blue

Usage Conditions

Operating Temperature (Max)

105 °C[221 °F]

Operating Temperature Range

-40 - 105 °C[-40 - 221 °F]

Operation/Application

Shielded

Yes

Circuit Application

Signal

Packaging Features

Packaging Quantity

240

Packaging Method

Box & Tray

Other

Outer Contact Plating Material

Tin (Sn)

Product Compliance[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU

Compliant with Exemptions

EU ELV Directive 2000/53/EC

Compliant with Exemptions

China RoHS 2 Directive MIIT Order No 32, 2016

Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JAN 2024 (240)

Candidate List Declared Against: JAN 2024 (240)

SVHC > Threshold:

Pb (4% in Component Part)

Article Safe Usage Statements:

Do not eat, drink or smoke when using this product. 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

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

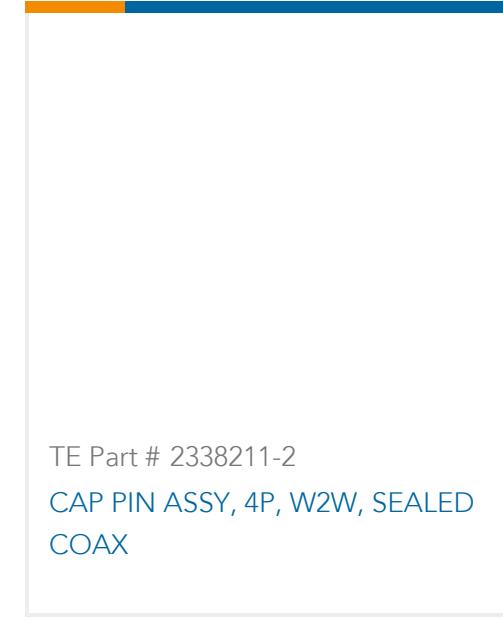
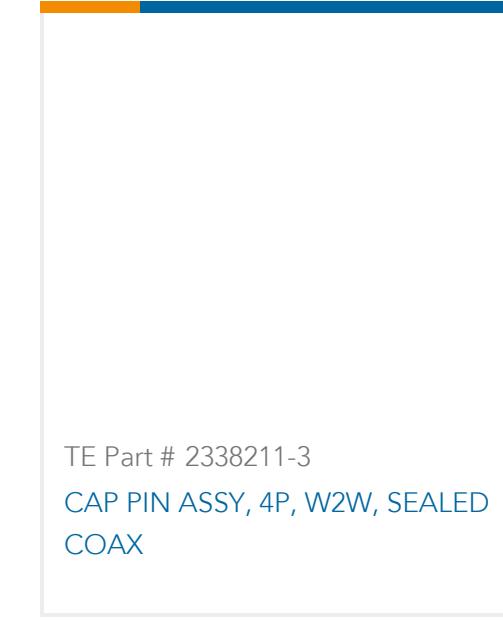
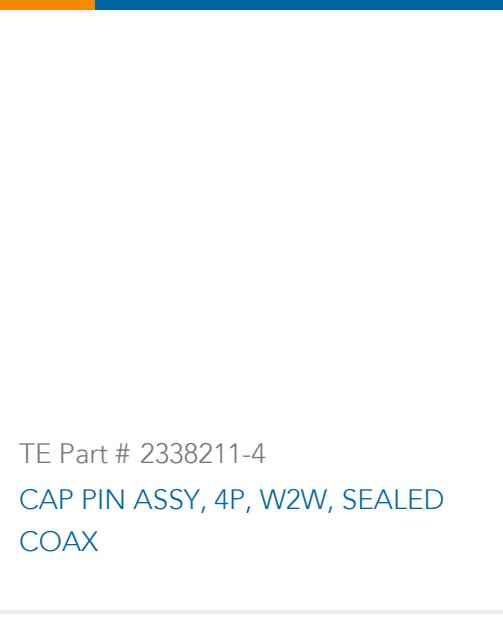
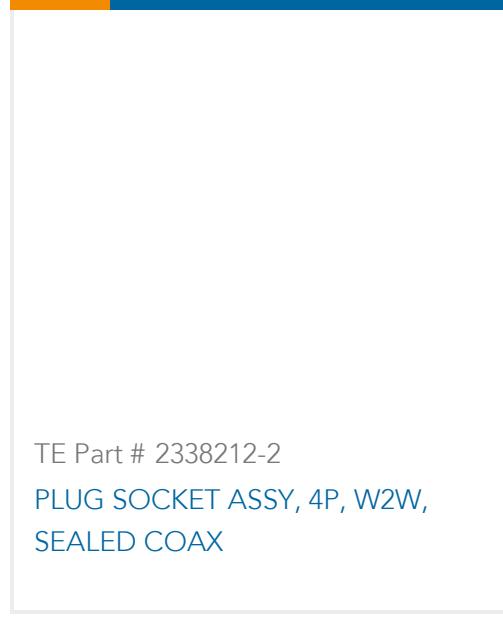
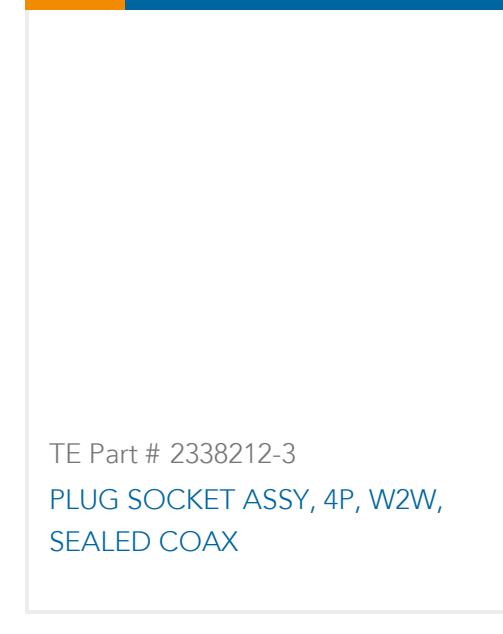
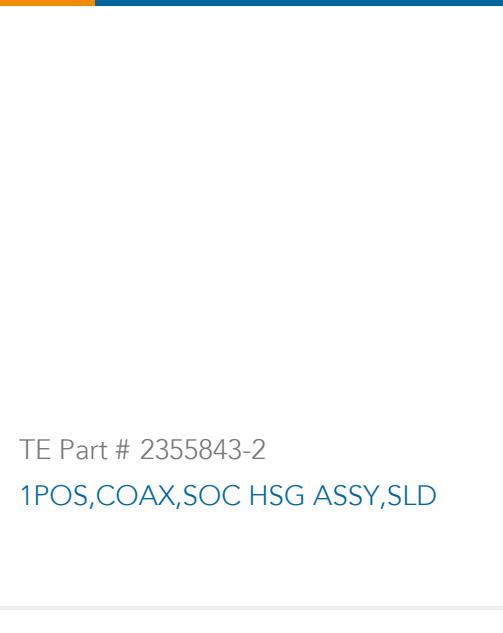
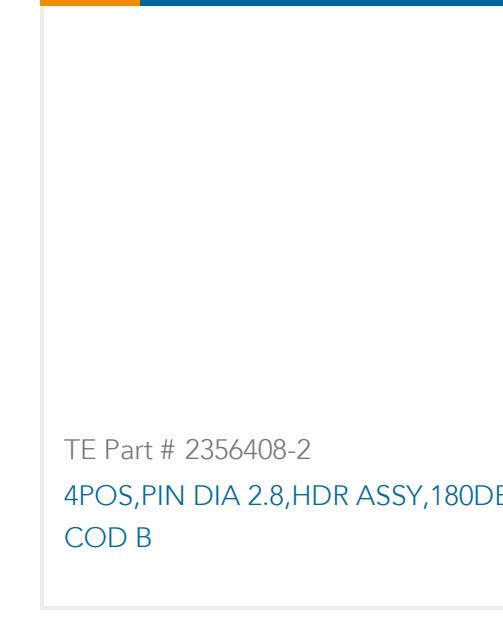
Not reviewed for solder process capability

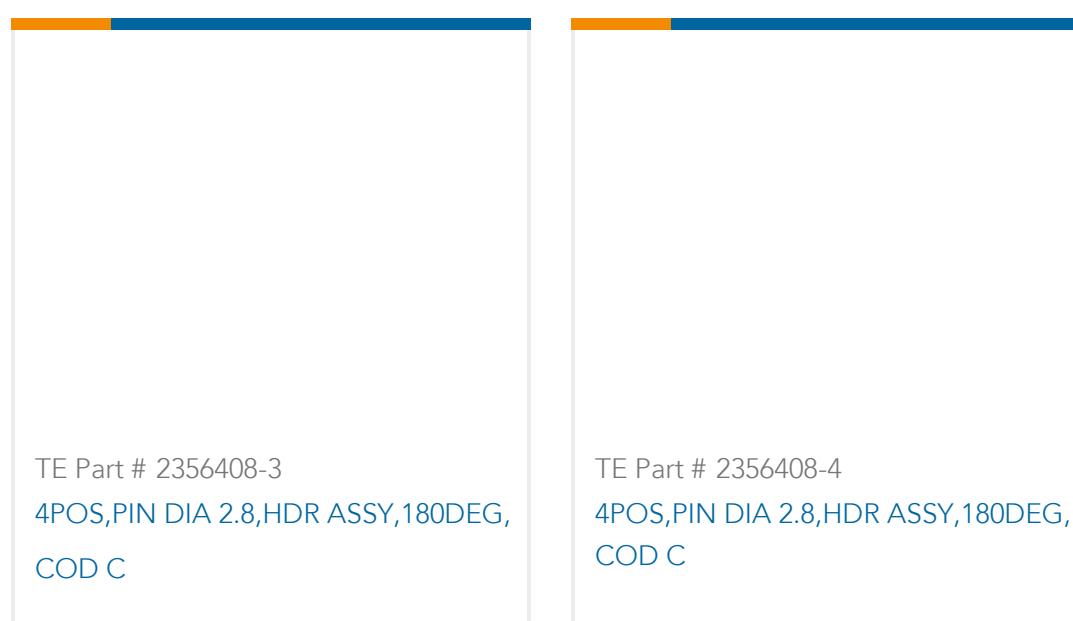
Product Compliance Disclaimer

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

 <p>TE Part # 2356408-1 4P, COAX, HDR ASSY, 180DEG, COD A, SHORT</p>	 <p>TE Part # 2338211-1 CAP PIN ASSY, 4P, W2W, SEALED COAX</p>	 <p>TE Part # 2338212-1 PLUG SOCKET ASSY, 4P, W2W, SEALED COAX</p>	 <p>TE Part # 2339729-1 CAP PIN ASSY, 4P, FLANGE, SEALED COAX</p>
 <p>TE Part # 2355843-1 1POS, COAX, SOC HSG ASSY, SLD</p>	 <p>TE Part # 2356413-2 COAX, SOLDER, 180DEG</p>	 <p>TE Part # 2338211-2 CAP PIN ASSY, 4P, W2W, SEALED COAX</p>	 <p>TE Part # 2338211-3 CAP PIN ASSY, 4P, W2W, SEALED COAX</p>
 <p>TE Part # 2338211-4 CAP PIN ASSY, 4P, W2W, SEALED COAX</p>	 <p>TE Part # 2338212-2 PLUG SOCKET ASSY, 4P, W2W, SEALED COAX</p>	 <p>TE Part # 2338212-3 PLUG SOCKET ASSY, 4P, W2W, SEALED COAX</p>	 <p>TE Part # 2338212-4 PLUG SOCKET ASSY, 4P, W2W, SEALED COAX</p>
 <p>TE Part # 2355843-2 1POS, COAX, SOC HSG ASSY, SLD</p>	 <p>TE Part # 2355843-3 1POS, COAX, SOC HSG ASSY, SLD</p>	 <p>TE Part # 2355843-4 1POS, COAX, SOC HSG ASSY, SLD</p>	 <p>TE Part # 2356408-2 4POS, PIN DIA 2.8, HDR ASSY, 180DEG, COD B</p>



TE Part # 2356408-3
4POS,PIN DIA 2.8,HDR ASSY,180DEG,
COD C

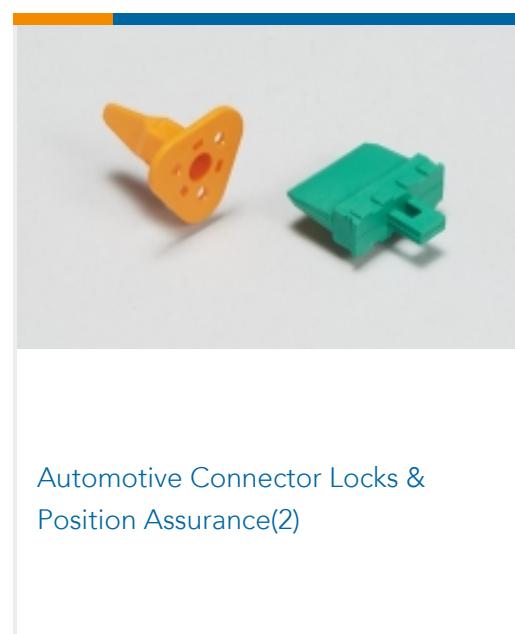
TE Part # 2356408-4
4POS,PIN DIA 2.8,HDR ASSY,180DEG,
COD C

Also in the Series

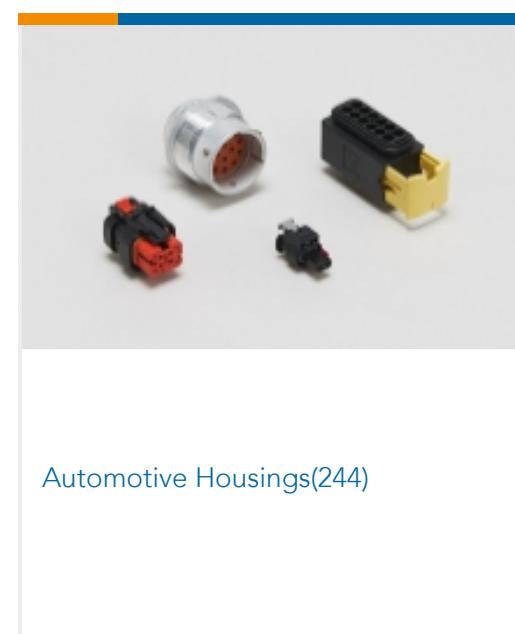
AMPSEAL 16



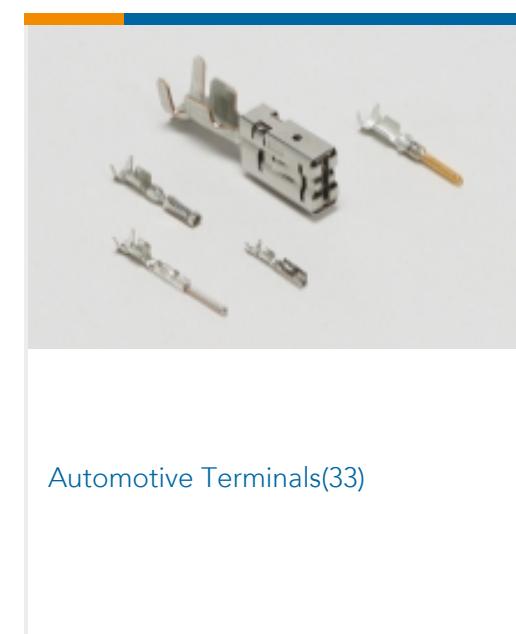
Automotive Connector Caps & Covers (1)



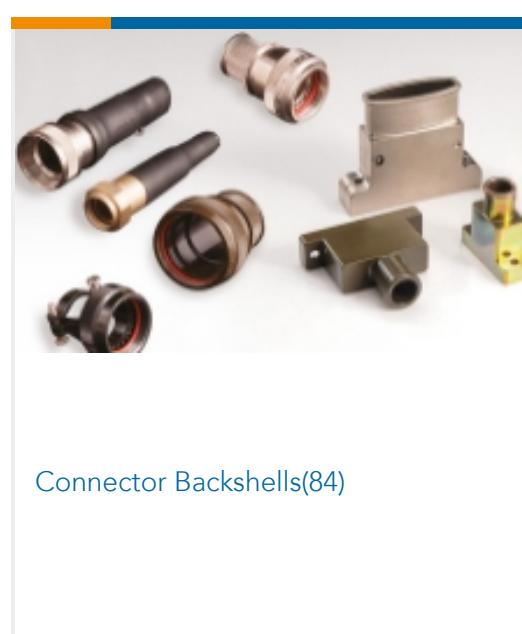
Automotive Connector Locks & Position Assurance(2)



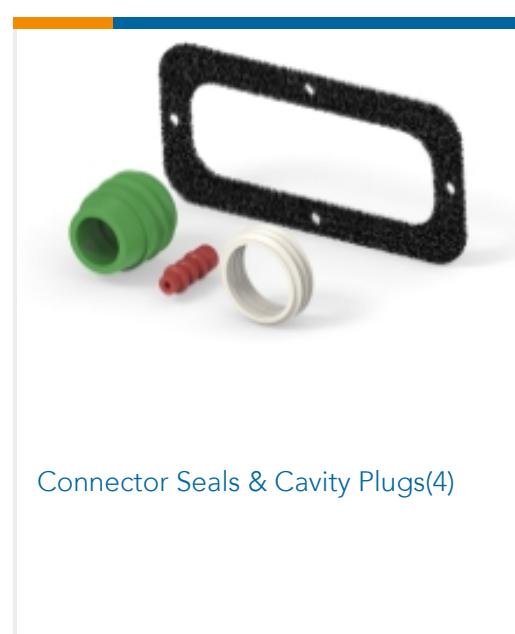
Automotive Housings(244)



Automotive Terminals(33)



Connector Backshells(84)



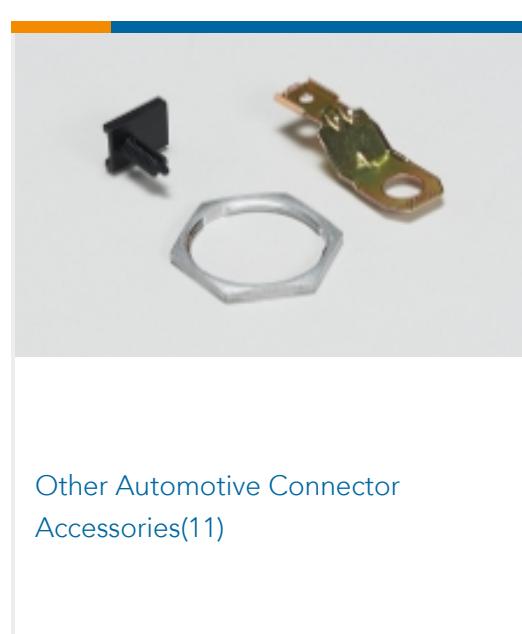
Connector Seals & Cavity Plugs(4)



Data Connectivity Headers(2)



Data Connectivity Housings(3)



Other Automotive Connector Accessories(11)

Customers Also Bought



TE Part # 2356408-1
4P,COAX,HDR ASSY,180DEG,COD A,
SHORT



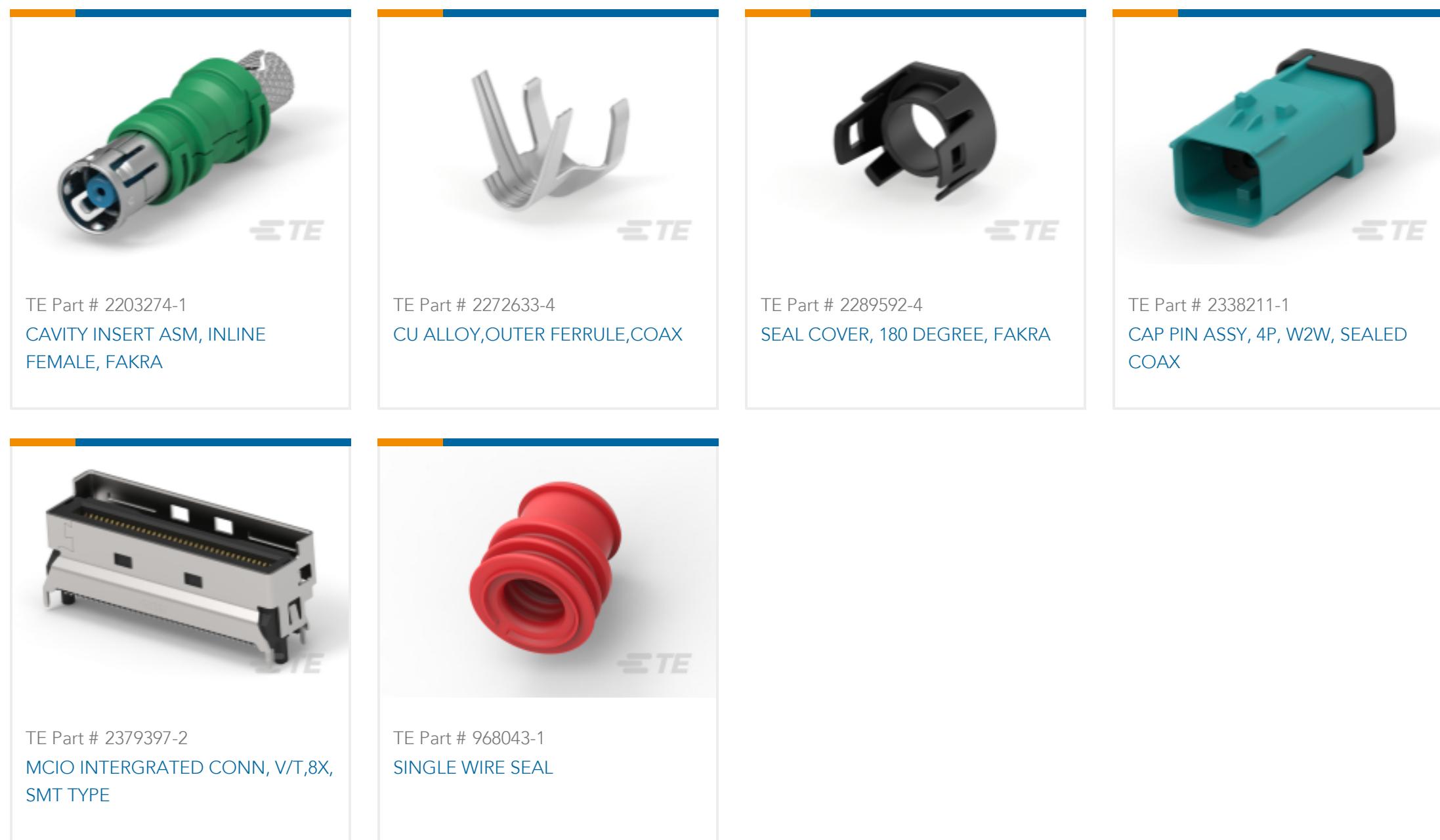
TE Part # 3-1447221-4
S/S REC CONTACT ASSY, AU, 0.5



TE Part # YHDP26-24-19PEL024
PLG, 19P, BLK, E, WTHD, 12/16, P



TE Part # 1-2203270-9
Center contact, in-line female, FAKRA



Documents

Product Drawings

[1POS,PIN DIA 2.5,HDR ASSY,180DEG](#)

English

[1POS,PIN DIA 2.5,HDR ASSY,180DEG](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_2355844-1_B.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2355844-1_B.3d_igs.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2355844-1_B.2d_dxf.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English