

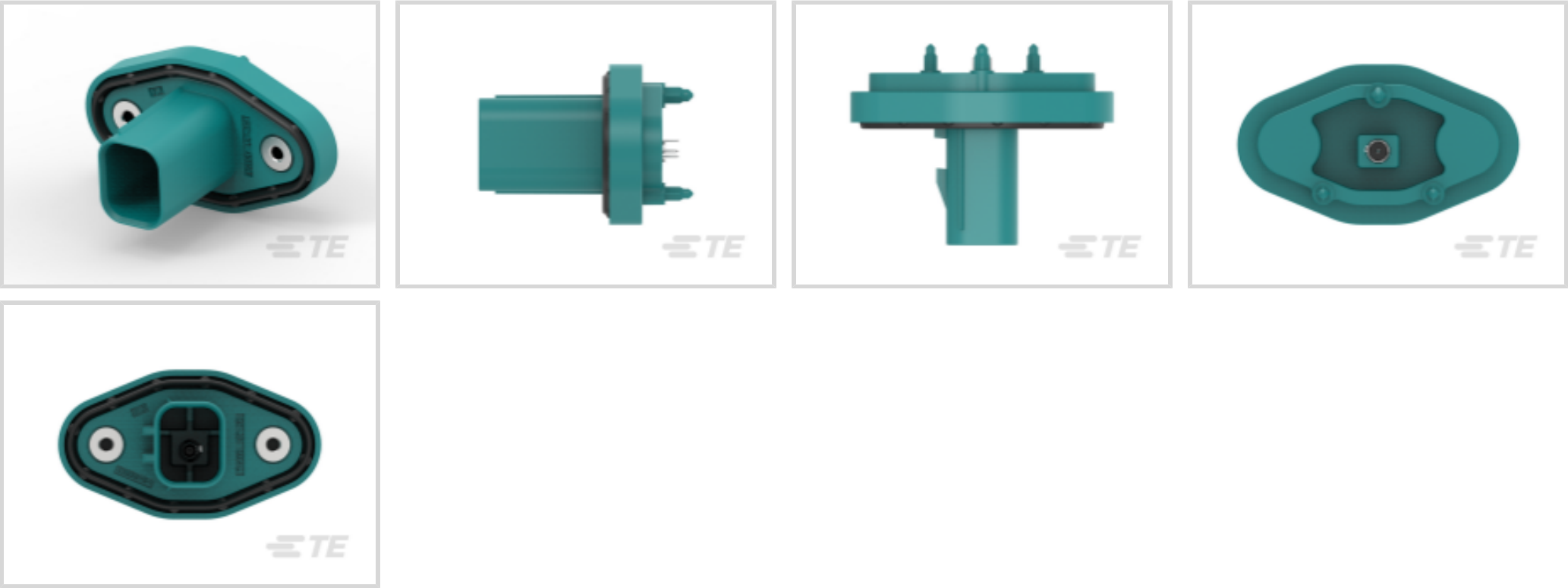


AMPSEAL 16

TE Internal #: 2355844-1
Cable-to-Board, Sealable, Shielded, Vertical, 1 Position, Board Mount, A Code, Signal, AMPSEAL 16, Data Connectivity Headers
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Connectors > Automotive Connectors > Data Connectivity Systems > Data Connectivity Headers >

AMPSEAL 16 Connector with Coaxial Terminal Headers



Connector System: **Cable-to-Board**
Sealable: **Yes**
Shielded: **Yes**
PCB Mount Orientation: **Vertical**
Number of Positions: **1**

All AMPSEAL 16 Connector with Coaxial Terminal Headers (6)

Features

Product Type Features

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

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	1

Electrical Characteristics

Impedance	50 Ω
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Body Features

Connector & Keying Code	A
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Contact Features

Outer Contact Plating Material	Tin (Sn)
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Mating Pin Diameter	2.5 mm[.098 in]
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Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Housing Color	Water Blue
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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 Method	Tray
Packaging Quantity	40

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

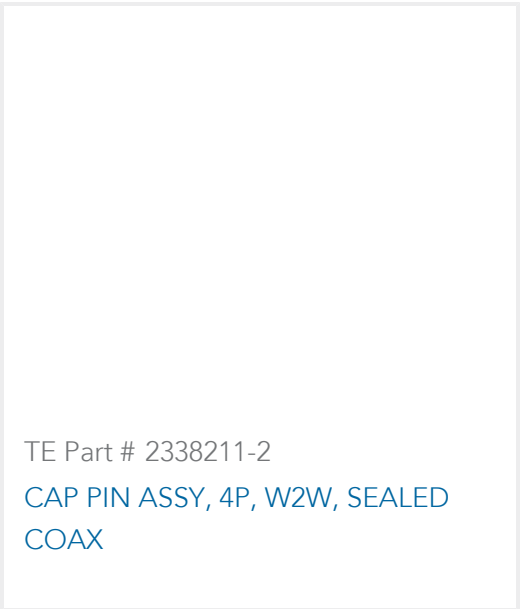
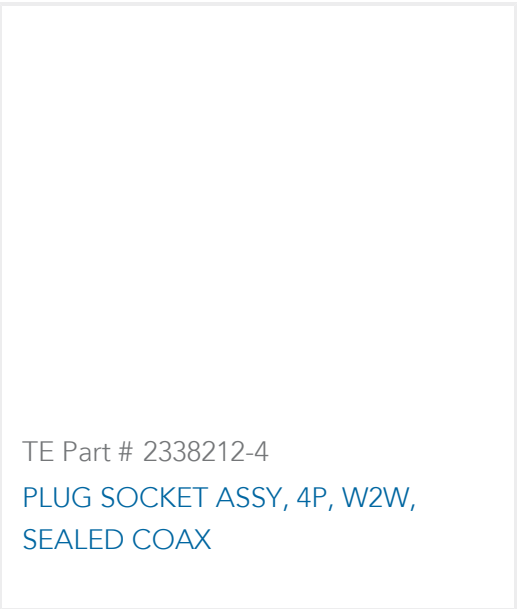
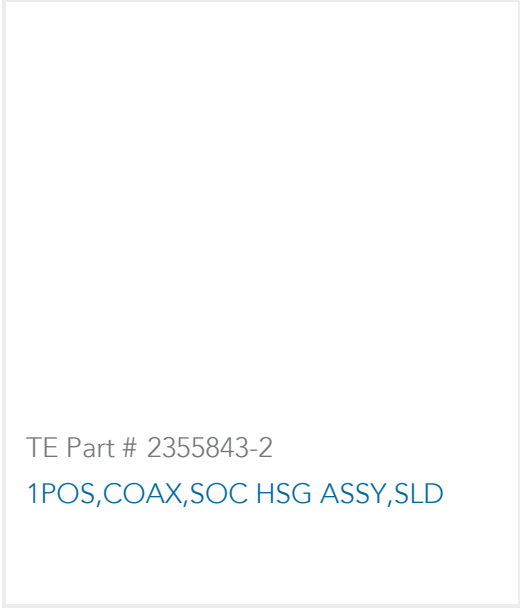
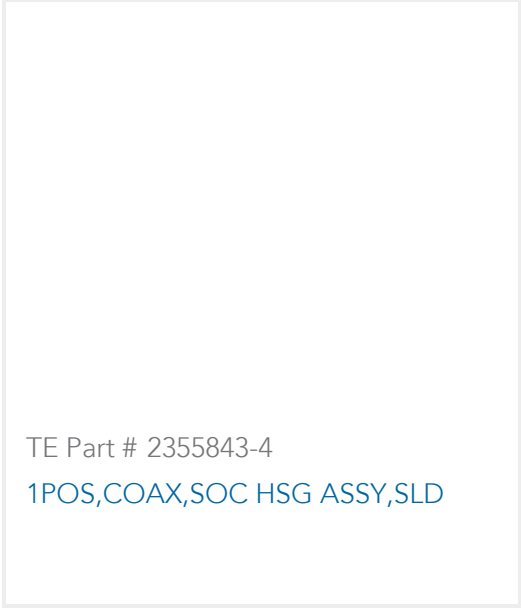
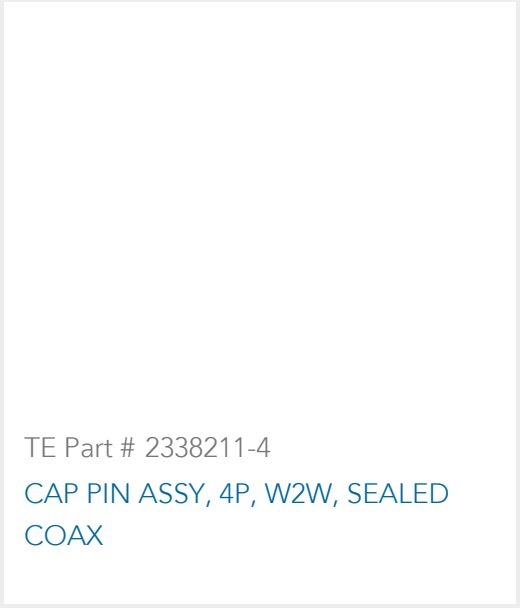
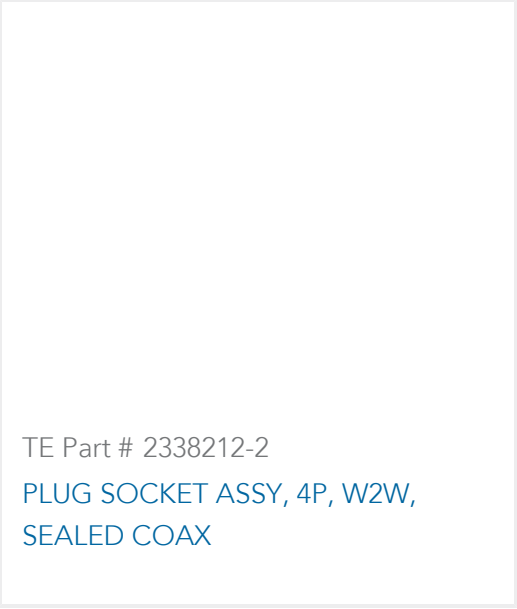
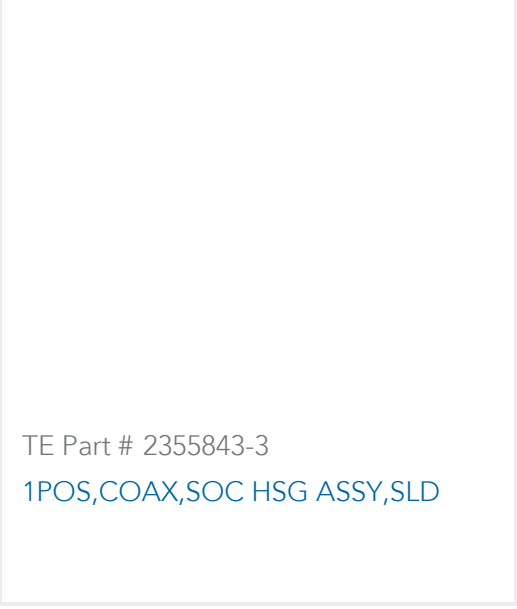
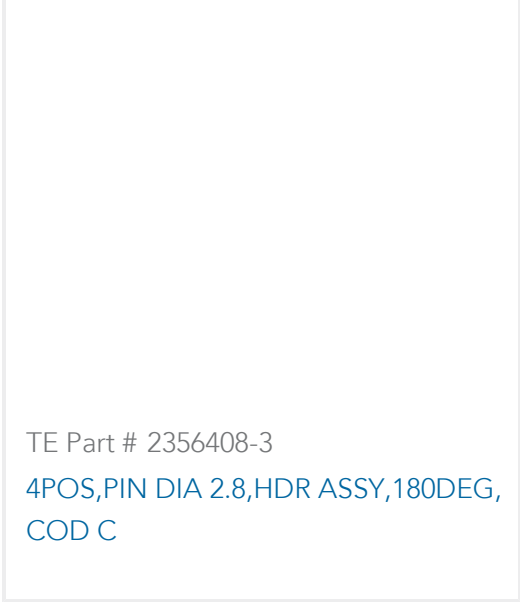
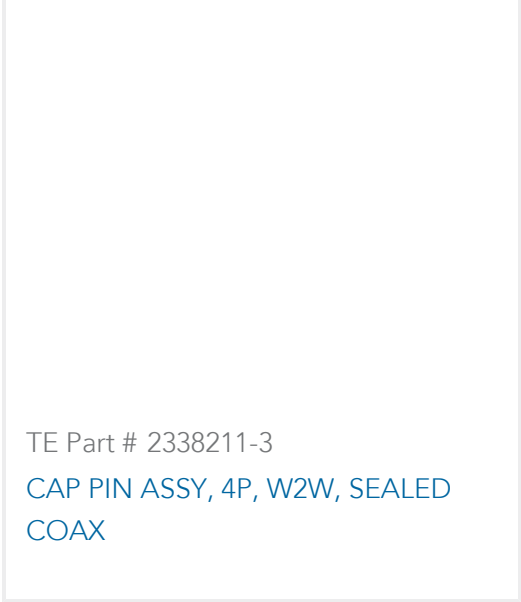
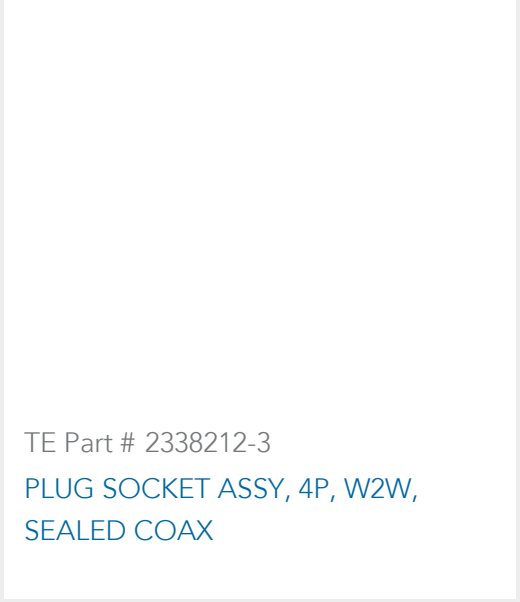
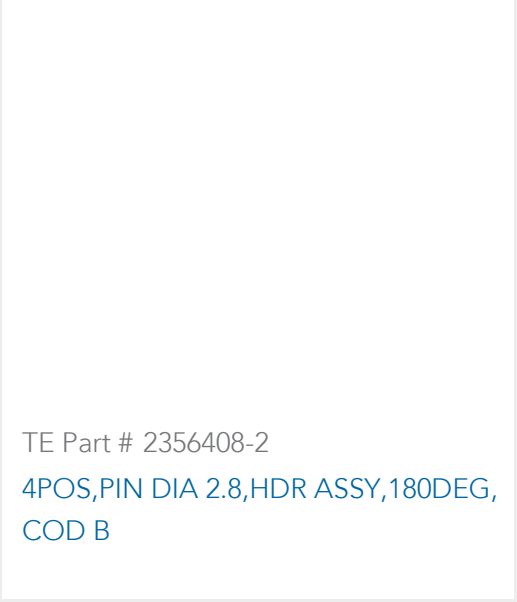
Product Compliance Disclaimer

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



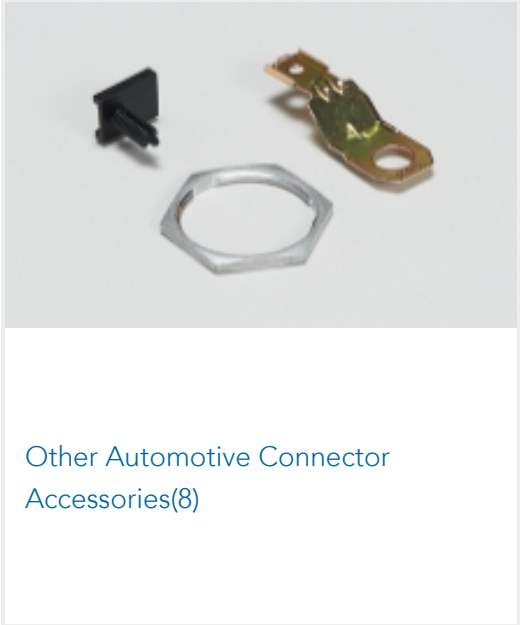
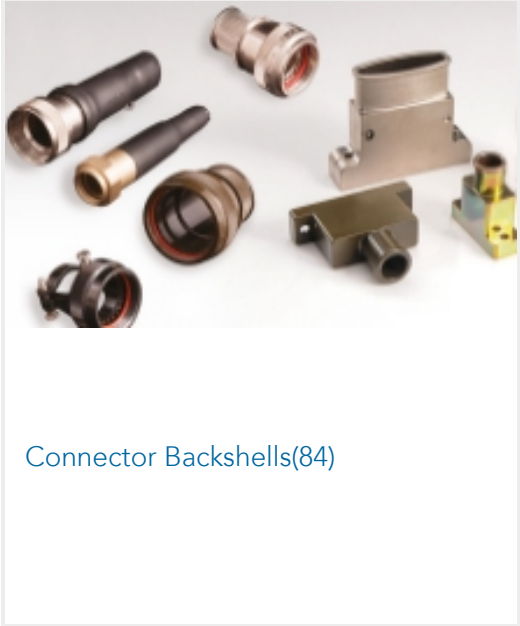
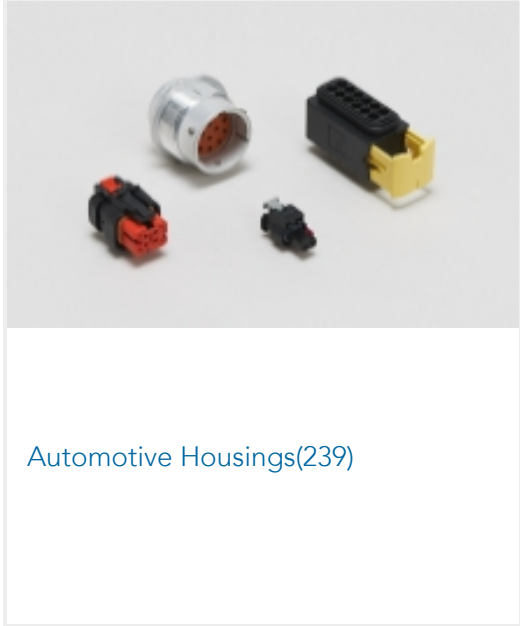
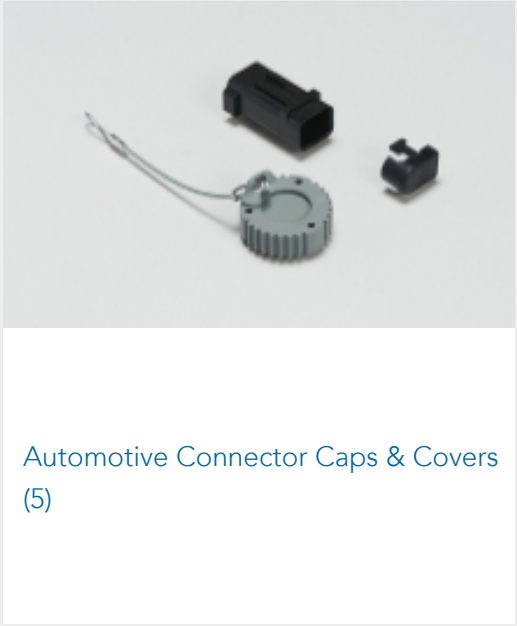
chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may 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

 TE Part # 2356408-4 4POS,PIN DIA 2.8,HDR ASSY,180DEG, COD C	 TE Part # 776441-1 AS 16, EXTRACTION TOOL	 TE Part # 2338211-2 CAP PIN ASSY, 4P, W2W, SEALED COAX	 TE Part # 2338212-4 PLUG SOCKET ASSY, 4P, W2W, SEALED COAX
 TE Part # 2355843-2 1POS,COAX,SOC HSG ASSY,SLD	 TE Part # 2355843-4 1POS,COAX,SOC HSG ASSY,SLD	 TE Part # 2338211-4 CAP PIN ASSY, 4P, W2W, SEALED COAX	 TE Part # 2338212-2 PLUG SOCKET ASSY, 4P, W2W, SEALED COAX
 TE Part # 2356408-1 4P,COAX,HDR ASSY,180DEG,COD A, SHORT	 TE Part # 2356413-2 COAX,SOLDER,180DEG	 TE Part # CAT-AI5-ADCH16 AMPSEAL 16 Connector with Coaxial Terminal Housings	 TE Part # 2355843-3 1POS,COAX,SOC HSG ASSY,SLD
 TE Part # 2356408-3 4POS,PIN DIA 2.8,HDR ASSY,180DEG, COD C	 TE Part # 2338211-3 CAP PIN ASSY, 4P, W2W, SEALED COAX	 TE Part # 2338212-3 PLUG SOCKET ASSY, 4P, W2W, SEALED COAX	 TE Part # 2356408-2 4POS,PIN DIA 2.8,HDR ASSY,180DEG, COD B



Also in the Series | AMPSEAL 16



Customers Also Bought





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.

Datasheets & Catalog Pages

DATA CONNECTIVITY SOLUTIONS

English

AMPSEAL_16_MATE_AX

English

Product Specifications

Application Specification

English