2355843-1 ✔ ACTIVE

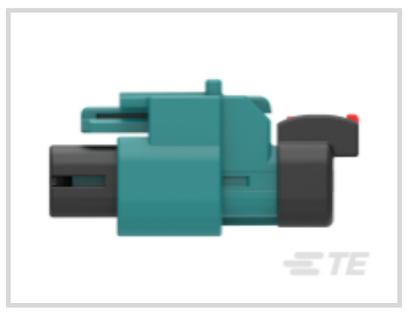
AMP | AMPSEAL 16

TE Internal #: 2355843-1

Cable-to-Cable, Sealable, 180 ° Cable Exit, 1 Position, A Code, Shielded, Housing for Female Terminals, Crimp, AMPSEAL 16, Data Connectivity Housings

View on TE.com >

Automotive Parts > Automotive Connectors > Data Connectivity Housings > AMPSEAL 16 Connector with Coaxial Terminal Housings




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

Sealable: **Yes**

Cable Exit Angle: **180 °**

Number of Positions: **1**

Connector & Keying Code: **A**

All AMPSEAL 16 Connector with Coaxial Terminal Housings (6)

Features

Product Type Features

Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable
Connector System	Cable-to-Cable
Sealable	Yes
Connector & Housing Type	Housing for Female Terminals

Configuration Features

Number of Rows	1
Number of Positions	1

Electrical Characteristics

Operating Voltage	60 VDC
Impedance	50 Ω
Nominal Voltage Architecture	60 V

Body Features

Body Material	PA GF
Cable Exit Angle	180 °
Connector & Keying Code	A

Contact Features

Contact Type	Socket
Mating Pin Diameter	.4 mm[.016 in]

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Color	Water Blue

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Cable Type	Coaxial
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Operating Frequency Range	0 – 6 GHz
Shielded	Yes
Circuit Application	Signal

Packaging Features

Packaging Method	Box & Tube
Packaging Quantity	660

Other

Connector Position Assurance Capable	Yes

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component) Dodecamethylcyclohexasiloxane (D6) (.5% in Component) Decamethylcyclopentasiloxane (D5) (.5% in Component) 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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 # 2362358-5
MATE-AX F TO F, DACAR 462, 5000MM



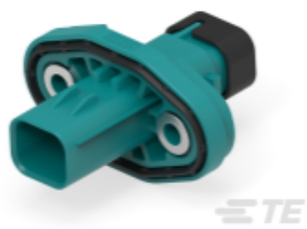
TE Part # 2362359-5
MATE-AX M TO F, DACAR 462, 5000MM



TE Part # 2362358-2
MATE-AX F TO F, DACAR 462, 1000MM



TE Part # 2356413-2
COAX,SOLDER,180DEG



TE Part # CAT-AI5-ADCH16

AMPSEAL 16 Connector with Coaxial Terminal Housings



TE Part # 2362358-3

MATE-AX F TO F, DACAR 462, 1500MM



TE Part # 2362355-3

MATE-AX, F TO F, RTK031, 1500MM

TE Part # 2356408-4

4POS,PIN DIA 2.8,HDR ASSY,180DEG, COD C



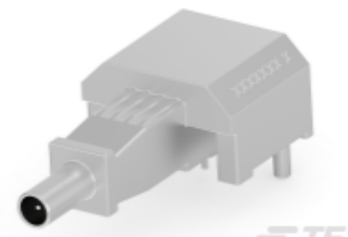
TE Part # 2362359-3

MATE-AX M TO F, DACAR 462, 1500MM



TE Part # 2362358-1

MATE-AX F TO F, DACAR 462, 500MM



TE Part # 2491204-1

AMPSEAL16 COAX,1P 90 DEG HDR, ASSY



TE Part # 1-2456701-1

SEALED, COAX, SMD,180DEG, WITHOUT CAP



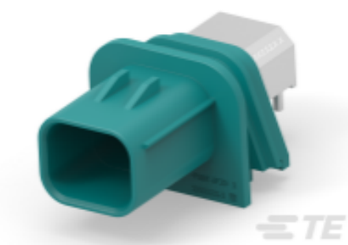
TE Part # 2355844-2

1POS,PIN DIA 2.5,HDR ASSY,180DEG



TE Part # 2362355-1

MATE-AX, F TO F, RTK031, 500MM



TE Part # 2420047-1

AMPSEAL16 COAX, 1P 90 DEG HDR, ASSY



TE Part # 2362356-2

MATE-AX, M TO F, RTK031, 1000MM



TE Part # 776441-1

AS 16, EXTRACTION TOOL



TE Part # 2362359-4

MATE-AX M TO F, DACAR 462, 3000MM



TE Part # 2362358-4

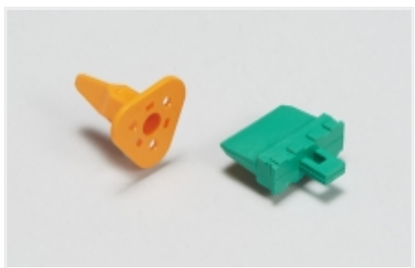
MATE-AX F TO F, DACAR 462, 3000MM



TE Part # 2362359-1

MATE-AX M TO F, DACAR 462, 500MM

Also in the Series | AMPSEAL 16



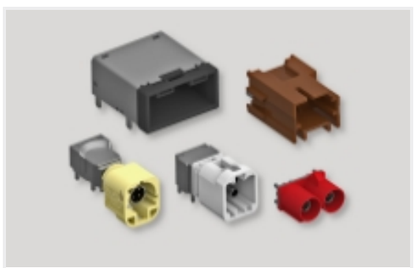
Automotive Connector Locks & Position Assurance(6)



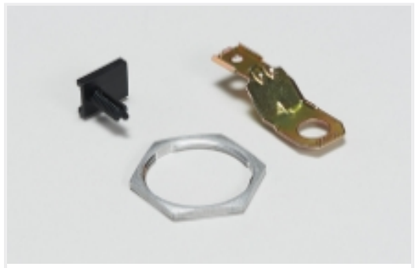
Automotive Housings(239)



Connector Seals & Cavity Plugs(11)



Data Connectivity Headers(13)



Other Automotive Connector Accessories(8)

Customers Also Bought



TE Part #2040594-3
SEAL CAP HSG 4P, AMPSEAL16 SEA



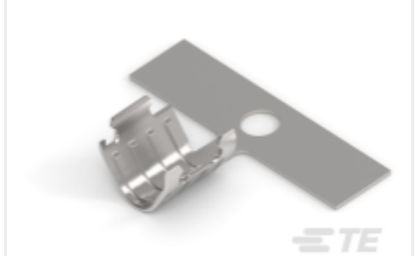
TE Part #2292797-3
AS16,PLUG BACKSHELL KIT,ST,02P, NC08



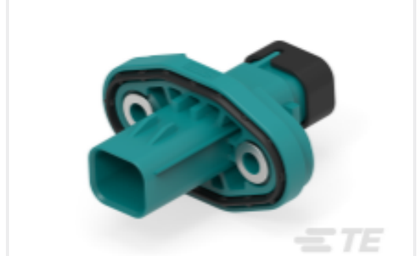
TE Part #2292799-3
AS16,PLUG BACKSHELL KIT,ST,04P, NC12



TE Part #2298494-1
MATE-AX, Socket outer contact, RG 174



TE Part #2298509-2
MINI COAX SHIELD CRIMP FERRULE RG174



TE Part #CAT-AI5-ADCH16
AMPSEAL 16 Connector with Coaxial Terminal Housings



TE Part #2348771-1
HD MATEnet SWS

Documents

Product Drawings

1POS,COAX,SOC HSG ASSY,SLD

English

1POS,COAX,SOC HSG ASSY,SLD

English

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_2355843-1_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_2355843-1_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_2355843-1_A.3d_stp.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