

2306960-1 ✓ ACTIVE

AMP | Heavy Duty Sealed Connector Series

TE Internal #: 2306960-1

Housing for Female Terminals, Wire-to-Wire, 3 Position, 4 mm Centerline, Sealable, Black, Wire & Cable, Signal, Heavy Duty Sealed Connector Series

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings



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

Number of Positions: **3**

Connector & Housing Type: **Housing for Female Terminals**

Centerline (Pitch): **4 mm**

Sealable: **Yes**

### Features

#### Product Type Features

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

#### Configuration Features

Blank Cavity Position	1
Number of Positions	3
Number of Rows	1

#### Electrical Characteristics

Operating Voltage	60 VDC
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#### Body Features



Primary Product Color	Black
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### Contact Features

Contact Size	1.5K
Contact Current Rating (Max)	20 A

### Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	Without
Mating Alignment Type	Polarization Slot
Mating Alignment	With

### Housing Features

Housing Material	PBT GF
Centerline (Pitch)	4 mm

### Dimensions

Connector Height	30.75 mm
Product Width	18.5 mm
Product Length	36 mm
Row-to-Row Spacing	4 mm

### Operation/Application

Circuit Application	Signal
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### Industry Standards

Degree of Protection	IPX9K
UL Flammability Rating	UL 94V-0

### Packaging Features

Packaging Method	Box
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### Other

Serviceable	Yes
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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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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>

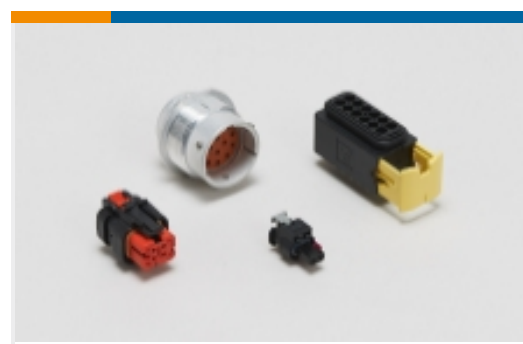
### Compatible Parts

 <p>TE Part # CAT-H3399-CH8172 Heavy Duty Sealed Connector Series Housings</p>	 <p>TE Part # 964972-1 EINZELLEITERDICHTNG</p>	 <p>TE Part # 963530-1 EINZELLEITERDICHTNG</p>	 <p>TE Part # 964971-1 EINZELLEITERDICHTNG</p>
 <p>TE Part # CAT-AM705-T273 AMP MCP, RECEPTACLE AND TAB</p>	 <p>TE Part # 2278730-2 3P CAN CONNECTOR, RECEPTACLE</p>	 <p>TE Part # 2287497-1 SINGLE WIRE SEAL, 1.5MM CONTACT SYSTEM</p>	

### Also in the Series | Heavy Duty Sealed Connector Series



Automotive Connector Caps & Covers (25)



Automotive Housings(207)



Connector Seals & Cavity Plugs(5)



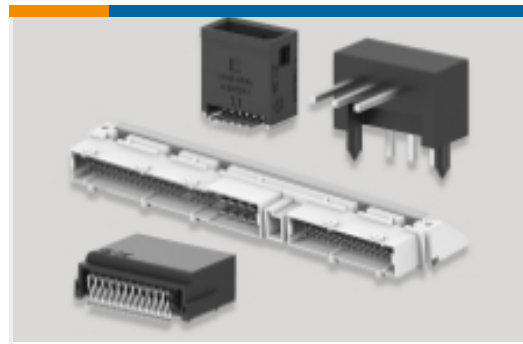
Data Connectivity Headers(2)



Data Connectivity Housings(18)



Other Automotive Connector Accessories(34)



PCB Headers & Receptacles(1)

## Customers Also Bought



TE Part #2112302-1  
PROTECTION CAP, FOR REC.HSG GROUP D



TE Part #1-1670730-1  
Heavy Duty Sealed Connector Series Housings



TE Part #1SNG607002R0000  
EP-LN-M12-GR-A



TE Part #969028-5  
TAB A 1.6x0.6 CONTACT CS SWS Ag



TE Part #5745883-2  
PLUG ASSY,50P,HDP-20,CN



TE Part #DTM04-6P-KIT  
DTM04-6P AND WEG ONLY



TE Part #DTM06-6S-KIT  
DTM06-6S AND WEG ONLY



TE Part #2-2390204-1  
3POS,PIN DIA 14.0,HDR ASSY,90DEG, SEAL

## Documents

### Product Drawings

3POS,AMP MCP 1.5K,REC HSG ASSY,SLD,COD A

English

### CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2306960-1\_A.2d\_dxf.zip



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2306960-1\\_A.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2306960-1\\_A.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[HDSCS CAN Bus Y-Connector and 120 Resistor Brochure](#)

English

[HDSCS Catalog](#)

English

[ICT Terminals and Connectors Catalogue](#)

English