

2278730-2 ✓ ACTIVE

AMP | Heavy Duty Sealed Connector Series

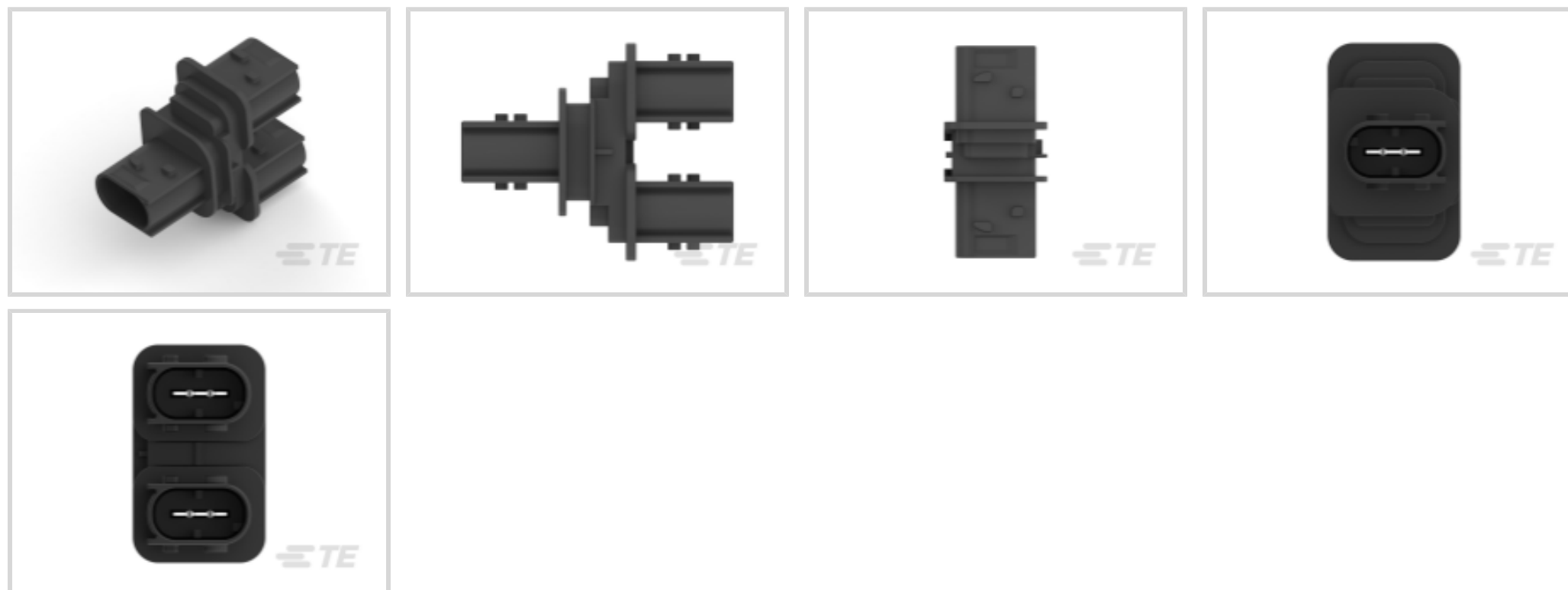
TE Internal #: 2278730-2

Housing for Male 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 > Connector Housings



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

Mating Tab Width: **1.5 mm**

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

Number of Positions: **3**

Centerline (Pitch): **4 mm**

### Features

#### Product Type Features

Connector & Housing Shape	Rectangular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

#### Configuration Features

Blank Cavity Position	0
Number of Positions	3
Number of Rows	1

#### Electrical Characteristics

Operating Voltage	42 VDC
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#### Body Features

Cable Exit Angle	180°
Body Material	PBT GF



Primary Product Color	Black
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Connector Code	A-A-A
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### Contact Features

Contact Size	1.5K
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Contact Type	Tab
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Mating Tab Width	1.5 mm
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Contact Current Rating (Max)	20 A
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### Mechanical Attachment

Terminal Position Assurance	Yes
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Mating Alignment Type	Keyed
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Mating Alignment	With
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Connector Mounting Type	Cable Mount (Free-Hanging)
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### Housing Features

Centerline (Pitch)	4 mm
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### Dimensions

Product Width	25.9 mm
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Product Length	53.1 mm
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Product Height	42.42 mm
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Row-to-Row Spacing	4 mm
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### Usage Conditions

Operating Temperature (Max)	140 °C
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Operating Temperature Range	-40 – 140 °C
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### Operation/Application

Circuit Application	Signal
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### Industry Standards

Degree of Protection	IP67
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UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Quantity	250
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Packaging Method	Box
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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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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



Also in the Series | [Heavy Duty Sealed Connector Series](#)



Automotive Connector Caps &amp; Covers (25)



Automotive Housings(197)



Automotive Seals &amp; Cavity Plugs(5)



Data Connectivity Headers(2)



Data Connectivity Housings(18)



Other Automotive Connector Accessories(22)

## Customers Also Bought

TE Part #1-1564512-1  
Heavy Duty Sealed Connector Series HousingsTE Part #2112289-1  
Heavy Duty Sealed Connector Series CapTE Part #1670365-1  
COVER MIXED, 180,2-3POS,BKTE Part #1241381-1  
AMP MCP 1.5K, CONTACT, SWS, (LP)

## Documents

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2278730-2\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2278730-2\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2278730-2\\_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

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[HDSCS Catalog](#)

English