

2-1563759-1 ✓ ACTIVE

AMP | Heavy Duty Sealed Connector Series

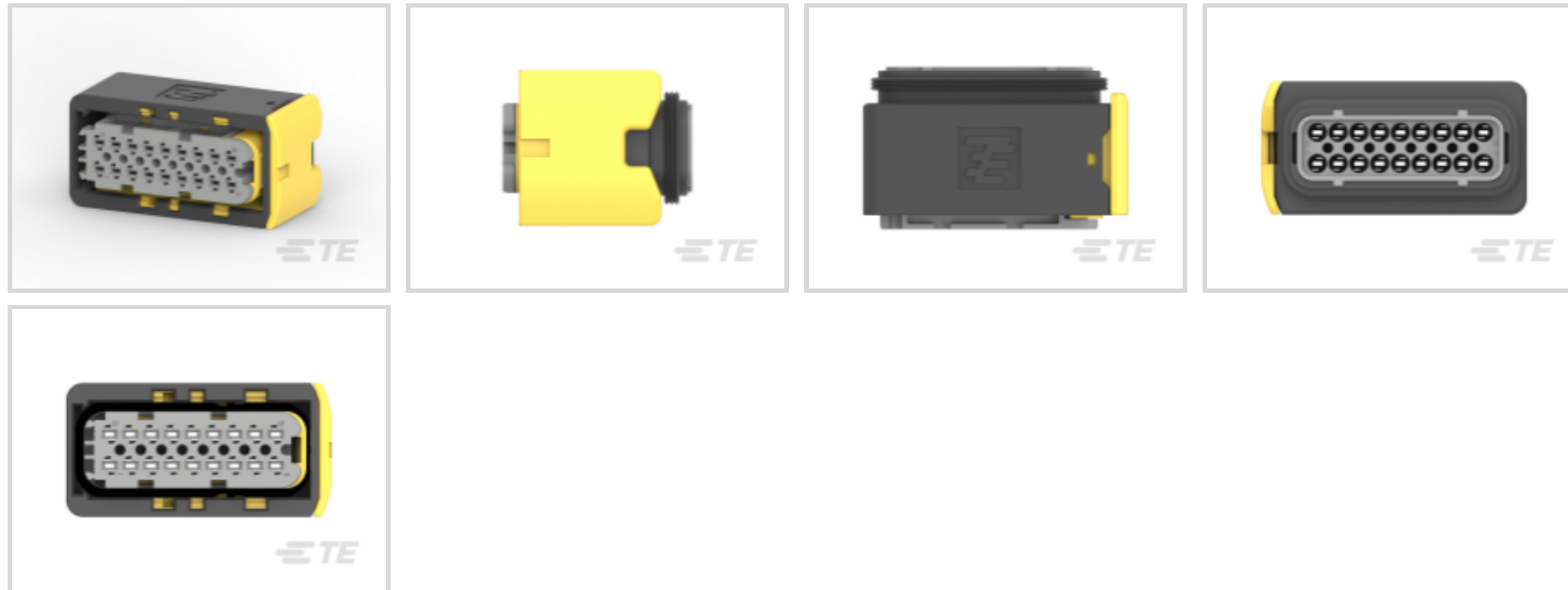
TE Internal #: 2-1563759-1

18 Position Housing, Housing for Female Terminals, Wire-to-Wire, 4 mm [.157 in] Centerline, Sealable, Black, Heavy Duty Sealed Connector Series

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings > Heavy Duty Sealed Connector Series Housings



Number of Positions: 18

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

Mating Tab Width: 1.5 mm [.059 in]

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

Centerline (Pitch): 4 mm [.157 in]

[All Heavy Duty Sealed Connector Series Housings \(177\)](#)

## Features

### Product Type Features

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

### Configuration Features

Number of Positions	18
Number of Rows	2

### Electrical Characteristics

Operating Voltage	60 VDC
-------------------	--------



### Body Features

Cable Exit Angle	180°, 90°
Primary Product Color	Black
Connector & Keying Code	B

### Contact Features

Contact Size	1.5K
Contact Type	Receptacle
Mating Tab Width	1.5 mm[.059 in]
Contact Current Rating (Max)	20 A

### Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

### Housing Features

Housing Material	PBT GF30
Centerline (Pitch)	4 mm[.157 in]

### Dimensions

Product Width	25.7 mm[1.012 in]
Product Length	67.2 mm[2.646 in]
Connector Height	31.25 mm[1.23 in]

### Usage Conditions

Operating Temperature (Max)	140 °C[284 °F]
Operating Temperature Range	-40 – 140 °C[-40 – 284 °F]

### Operation/Application

Circuit Application	Power
---------------------	-------

### Industry Standards

IP Rating	IP67
UL Flammability Rating	UL 94V-0

### Packaging Features

Packaging Quantity	230
--------------------	-----



Packaging Method	Carton
------------------	--------

**Other**

Serviceable	Yes
Connector Position Assurance Capable	No

**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: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable 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 # 2112303-1  
PROTECTION CAP, FOR REC.HSG GROUP E



TE Part # 964972-1  
EINZELLEITERDICHTUNG



TE Part # CAT-H3399-CH8172  
Heavy Duty Sealed Connector Series Housings




TE Part # 2-2420183-1  
18POS, TAB1.5X0.6, HDR ASSY, 90DEG, COD B




TE Part # CAT-H3399-B128  
Heavy Duty Sealed Connector Series Backshells



TE Part # CAT-AM705-T273  
AMP MCP, RECEPTACLE AND TAB




TE Part # 3-1579018-8  
UNLOCK TOOL




TE Part # CAT-J4A-HDSCH  
Heavy Duty Sealed Connector Headers


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




Automotive Connector Caps & Covers (25)



Automotive Headers(1)



Automotive Housings(232)




Connector Seals & Cavity Plugs(5)



Data Connectivity Headers(2)



Data Connectivity Housings(16)



Other Automotive Connector Accessories(36)



PCB Headers & Receptacles(1)



Rectangular Power Connectors(1)

### Customers Also Bought




TE Part #1456987-1  
2x4 Fem unsealed LP assy Key A



TE Part #CAT-H3399-CH8172  
Heavy Duty Sealed Connector Series Housings



TE Part #1-1563759-1  
18POS,AMP MCP1.5K,REC HSG,ASSY



TE Part #655498-1  
SERVICE TOOL STANDARD TERMI POINT



## Documents

### Product Drawings

[18POS,AMP MCP1.5K,REC HSG,ASSY](#)

English

---

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1563759-1\\_J.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1563759-1\\_J.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1563759-1\\_J.3d\\_stp.zip](#)

English

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

---

### Datasheets & Catalog Pages

[Heavy Duty Sealed Connector Series](#)

English

[HDSCS Catalog](#)

English

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

---

### Product Specifications

[Application Specification](#)

English

---

### Agency Approvals

[UL Report](#)

English