# 2-1418469-1 ACTIVE

### AMP | Heavy Duty Sealed Connector Series

TE Internal #: 2-1418469-1

Housing for Female Terminals, Wire-to-Wire, 6 Position, 4 mm [.157 in] Centerline, Sealable, Black, Wire & Cable, Heavy Duty Sealed

Connector Series

View on TE.com >



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



Connector System: Wire-to-Wire

Number of Positions: 6

Connector & Housing Type: Housing for Female Terminals

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

Sealable: Yes

All Heavy Duty Sealed Connector Series Housings (204)

### **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	On the Terminal
Configuration Features	
Number of Positions	6
Number of Rows	2
Electrical Characteristics	
Operating Voltage	60 VDC
Body Features	

180°

Black

В

Cable Exit Angle

Primary Product Color

Connector & Keying Code



#### **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

Terminal Position Assurance	Yes
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

## Housing Features

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

#### **Dimensions**

Connector Height	31.25 mm[1.23 in]
Product Width	25.7 mm[1.012 in]
Product Length	43 mm[1.693 in]
Row-to-Row Spacing	2.54 mm[.1 in]

## **Usage Conditions**

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

## Operation/Application

## **Industry Standards**

Degree of Protection	IP67
UL Flammability Rating	UL 94V-0

## Packaging Features

Packaging Quantity	400
Packaging Method	Carton

### Other



Serviceable	Yes
Connector Position Assurance Capable	No

### **Product Compliance**

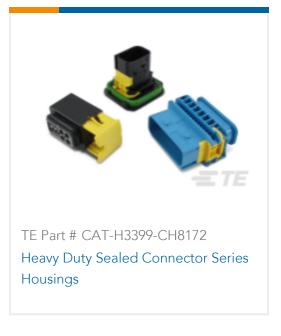
For compliance documentation, visit the product page on TE.com>

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: JUNE 2024 (241) 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 # CAT-AM705-T273

AMP MCP, RECEPTACLE AND TAB



TE Part # 2-2377477-1 6POS,TAB1.5X0.64,HDR ASSY, 180DEG,COD B



# 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(16)



Other Automotive Connector Accessories(34)



PCB Headers & Receptacles(1)

# Customers Also Bought



TE Part #1-1418469-1 Heavy Duty Sealed Connector Series Housings



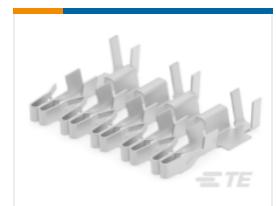
TE Part #1-2286937-5 2POS,HVP800,180 DEG,50 SQMM, COD A,CS



TE Part #1SNK900103R0000 CS-R1



TE Part #880686-2 .140 DIA SOCKET



TE Part #881572-4
FUSE CONTACT BUS BA

TE Part #ESA201M01340500000 915 PLUG

TE Part #ESB002F02330001000 615 PLUG

TE Part #1599962-2 MAXI FUSE BOX WITH JCASE ASSY



### **Documents**

### **Product Drawings**

6POS,AMP MCP1.5K,REC. HSG, COD

English

#### **CAD Files**

**Customer View Model** 

ENG\_CVM\_CVM\_2-1418469-1\_J.2d\_dxf.zip

English

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_2-1418469-1\_J.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2-1418469-1\_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