4-1418390-1 ACTIVE

AMP | Heavy Duty Sealed Connector Series

TE Internal #: 4-1418390-1

4 Position Housing, Housing for Female Terminals, Wire-to-Wire, 6

mm [.24 in] Centerline, Sealable, Blue, Heavy Duty Sealed

Connector Series

View on TE.com >



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



Number of Positions: 4

Connector & Housing Type: Housing for Female Terminals

Mating Tab Width: 2.8 mm [.11 in]

Connector System: Wire-to-Wire

Centerline (Pitch): 6 mm [.24 in]

All Heavy Duty Sealed Connector Series Housings (177)

Features

Product Type Features

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

Configuration Features

Number of Positions	4
Number of Rows	2

Electrical Characteristics

Operating Voltage	60 VDC
Nominal Voltage Architecture	60 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Blue



Connector & Keying Code	D
Contact Features	
Contact Size	2.8mm
Contact Type	Receptacle
Mating Tab Width	2.8 mm[.11 in]
Contact Current Rating (Max)	40 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 GF
Centerline (Pitch)	6 mm[.24 in]
Dimensions	
Row-to-Row Spacing	6 mm[.24 in]
Product Width	25.7 mm[1.012 in]
Product Length	43 mm[1.693 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	1
Packaging Method	Package



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: JAN 2025 (247) 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-H3399-CH8172 Heavy Duty Sealed Connector Series Housings















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)



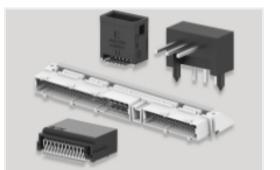
Data Connectivity Headers(2)



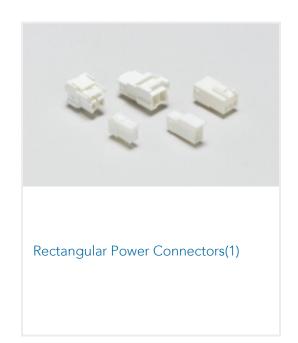
Data Connectivity Housings(16)



Other Automotive Connector Accessories(36)



PCB Headers & Receptacles(1)



Customers Also Bought























Documents

Product Drawings

4 POS AMP MCP 2.8 REC HSG

English

CAD Files

Customer View Model

ENG_CVM_CVM_4-1418390-1_J.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-1418390-1_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-1418390-1_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

4 Position Housing, Housing for Female Terminals, Wire-to-Wire, 6 mm [.24 in] Centerline, Sealable, Blue, Heavy Duty Sealed Connector Series



Product Specifications
Application Specification

English