# 2388501-2 ✔ ACTIVE

HIVONEX | Charging Inlets

TE Internal #: 2388501-2

250 V, 7 Position, Automotive Housing for Male Terminals, Wire-to-Panel, Sealable, Black, Wire & Cable, Power & Signal, Panel Mount, Charging Inlets

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings > DC Fast Charge CCS1 and CCS2 Inlet Kits







Nominal Voltage Architecture: **250 V**

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

Number of Positions: **7**

Sealable: **Yes**

Operating Temperature Range: **-40 – 85 °C [ -40 – 185 °F ]**

All DC Fast Charge CCS1 and CCS2 Inlet Kits (24)

## Features

### Product Type Features

| | |
|---|---|
| Mixed & Hybrid Connector | Yes |
| Connector & Housing Type | Housing for Male Terminals |
| Sealable | Yes |
| Primary Locking Feature | Integrated in Housing |
| Connector System | Wire-to-Panel |
| Connector & Contact Terminates To | Wire & Cable |

### Configuration Features

| | |
|---|---|
| Number of Positions | 7 |

### Electrical Characteristics

| | |
|---|---|
| Nominal Voltage Architecture | 250 V |

### Body Features

| | |
|---|---|
| Cable Exit Angle | 90 ° |

| | |
|---|---|
| Primary Product Color | Black |

## Contact Features

| | |
|---|---|
| Contact Current Rating (Max) | 32 A, 200 A |

## Mechanical Attachment

| | |
|---|---|
| Connector Mounting Type | Panel Mount |

## Dimensions

| | |
|---|---|
| Product Width | 132.5 mm[5.21 in] |
| Product Length | 126 mm[4.96 in] |
| Connector Height | 164.5 mm[6.45 in] |

## Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -40 – 85 °C[-40 – 185 °F] |
| Operating Temperature (Max) | 85 °C[185 °F] |

## Operation/Application

| | |
|---|---|
| Circuit Application | Power & Signal |

## Industry Standards

| | |
|---|---|
| IP Rating | IP67 |

## Packaging Features

| | |
|---|---|
| Packaging Method | Box |
| Packaging Quantity | 1 |

## Other

| | |
|---|---|
| Connector Position Assurance Capable | No |

# Product Compliance

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

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant with Exemptions |
| EU ELV Directive 2000/53/EC | Compliant with Exemptions |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 有害物质含量超出标准 Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: Not Yet Reviewed<br>SVHC > Threshold: |

Octamethylcyclotetrasiloxane (D4) (.5% in Component)
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (2% in Component)
Pb (60% in Component)
Dodecamethylcyclohexasiloxane (D6) (.5% in Component)
Decamethylcyclopentasiloxane (D5) (.5% in Component)

**Article Safe Usage Statements:**
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

| | |
|---|---|
| Halogen Content | Not Yet Reviewed for halogen content |
| 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Compatible Parts



TE Part # 1-967640-1
4POS MQS REC COD A



TE Part # 2296057-2
COVER, CABLE SEAL, AC



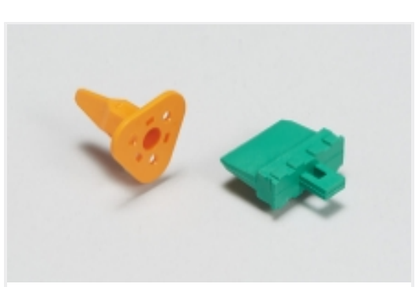
TE Part # 2293266-3
DIA 3.6MM,PIN TERMINAL

TE Part # 2276149-6
Large Size Wire Applicator-LP



TE Part # 2151022-1
OCEAN_2.0_APPLICATOR-S-055F070F-RSM

## Also in the Series | Charging Inlets



Automotive Connector Locks & Position Assurance(6)



Automotive E-Mobility Connector Housings(4)



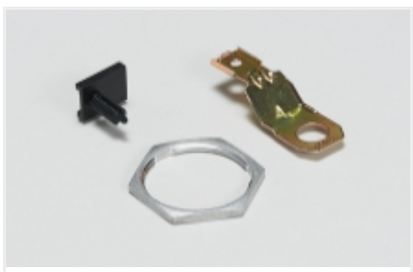
Automotive Housings(41)



Connector Seals & Cavity Plugs(8)



Electric, Hybrid & Fuel Cell Cable Assemblies(127)



Other Automotive Connector Accessories(6)

## Customers Also Bought



TE Part #CAT-ST858-CH8172
DEUTSCH Strike Housings



TE Part #CAT-D48-ST273
DEUTSCH Connector Solid Contacts



TE Part #CAT-J58-NHMT
NTSEAL Pin Housings for Male Terminals.

TE Part #4060-005-04141
PIN, SOLID, SIZE 4, 4AWG, NI



TE Part #9-1415001-5
V23132E2001A200

# Documents

## CAD Files

### Customer View Model

ENG_CVM_CVM_2388501-2_B.3d_stp.zip

English

### Customer View Model

ENG_CVM_CVM_2388501-2_B.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_2388501-2_B.2d_dxf.zip

English

### 3D PDF

3D

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

## Datasheets & Catalog Pages

### HIVONEX CONNECTORS & CHARGING SOLUTIONS

English

## Product Specifications

### Application Specification

English