2388501-1 ✔ ACTIVE

HIVONEX | Charging Inlets

TE Internal #: 2388501-1

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) Candidate List Declared Against: Not Yet Reviewed SVHC > Threshold:

Octamethylcyclotetrasiloxane (D4) (.5% in Component)
Dodecamethylcyclohexasiloxane (D6) (.5% in Component)
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (2% in Component)
Decamethylcyclopentasiloxane (D5) (.5% in Component)
Pb (60% 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 # 2151022-1
OCEAN_2.0_APPLICATOR-S-055F070F-RSM



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



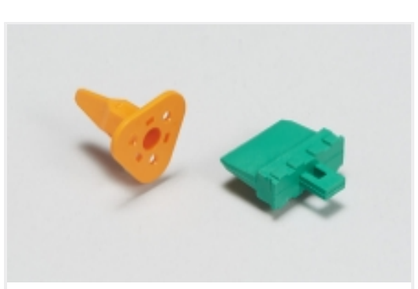
TE Part # 2296057-2
COVER, CABLE SEAL, AC

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



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

Also in the Series | Charging Inlets



Automotive Connector Locks & Position Assurance(6)



Automotive E-Mobility Connector Housings(4)



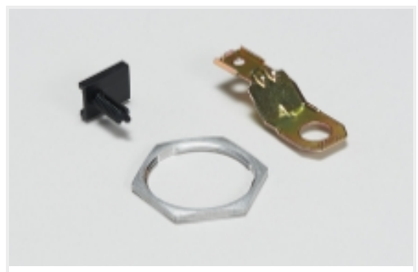
Automotive Housings(41)



Connector Seals & Cavity Plugs(8)



Electric, Hybrid & Fuel Cell Cable Assemblies(127)



Other Automotive Connector Accessories(6)

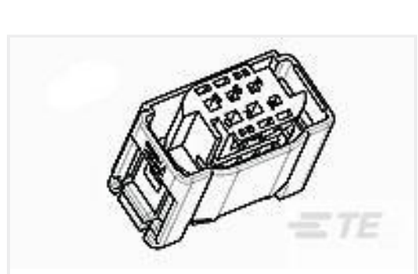
Customers Also Bought



TE Part #YHV280-2PM-P-4MM-A
HVA280-2PHM,PASS,4SQMM,KEY A



TE Part #1-794617-2
12POS,MICRO MNL,RCPT HSG



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



TE Part #CAT-NB0-AT63
6.3 mm Automation Ready Terminals for Automotive Wire Harness Production and High Efficiency Automation



TE Part #1394512-1
EINZELLEITDICHTG,BL



TE Part #1587826-2
CABLE SEAL, SIZE B, HVA280-2PI



TE Part #2-2141598-2
TAB 2.8x0.8 CONTACT CF SRC Ag



TE Part #1-2321910-1
HVA630 3P PLUG ASSY, UNSHIELD



TE Part #2358664-5
FLAP, ASSY, INLET COMBO 1, LEFT, LED

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2388501-1_B.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2388501-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2388501-1_B.2d_dxf.zip

English

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