

2388501-1  ACTIVE

HIVONEX | Charging Inlets

TE Internal #: 2388501-1

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



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

Number of Positions: **7**

Sealable: **Yes**

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

Connector Position Assurance Capable: **No**

[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	Restricted Materials Above Threshold
---	--------------------------------------

EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250)
--	---

	Candidate List Declared Against: JUNE 2022 (224)
--	---

	SVHC > Threshold:
--	-------------------

	Pb (3.7% in COMPONENT PART)
--	-----------------------------

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 # 2296057-2
COVER, CABLE SEAL, AC



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

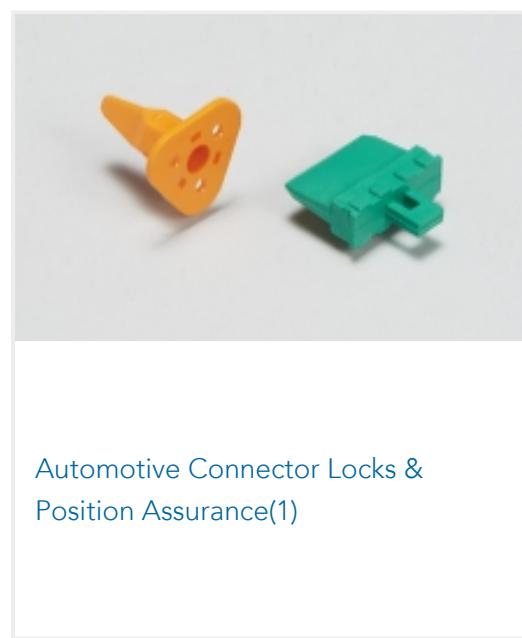


TE Part # 2293266-3
DIA 3.6MM, PIN TERMINAL

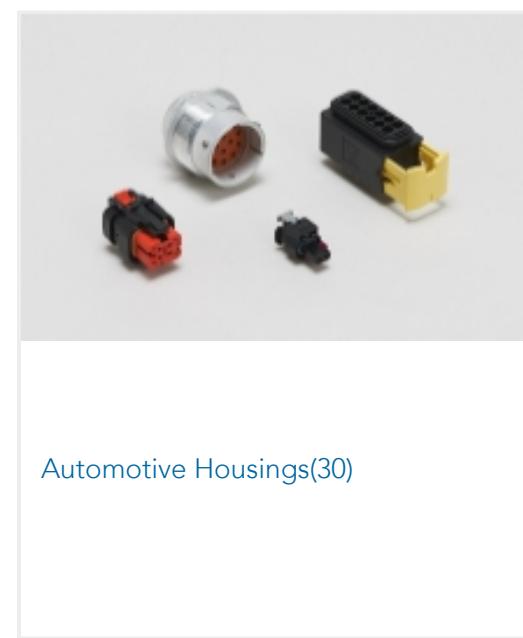


TE Part # 1-967640-1
4POS MQS REC COD A

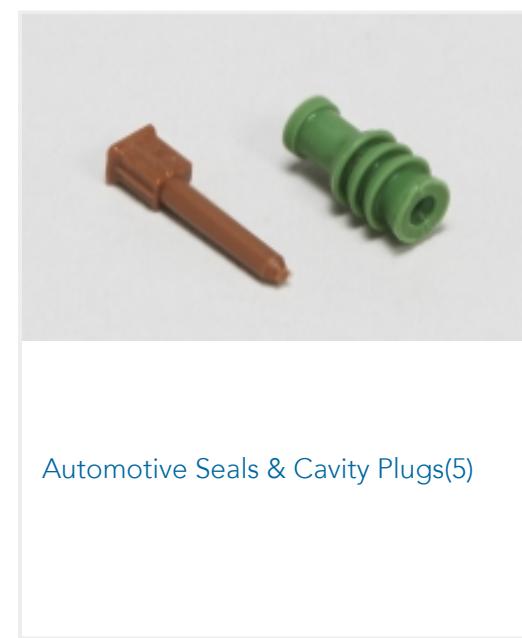
Also in the Series | Charging Inlets



Automotive Connector Locks & Position Assurance(1)



Automotive Housings(30)



Automotive Seals & Cavity Plugs(5)



Electric, Hybrid & Fuel Cell Cable Assemblies(101)

Customers Also Bought

TE Part #1-794617-2
12POS,MICRO MNL,RCPT HSGTE Part #1-967640-1
4POS MQS REC COD ATE Part #1-1318772-8
025 12POS CAP ASSY H SELECTIVE-TINTE Part #5-2109455-2
050/110 48P CAP ASSY CODE ATE Part #2366494-4
48POS,HYBRID,SOC HSG ASSY,SLD,
COD DTE Part #2445859-2
36POS,HYBRID,SOC HSG ASSY,SLD,
COD BTE Part #2445859-3
36POS,HYBRID,SOC HSG ASSY,SLD,
COD CTE Part #2445860-1
36POS,HYBRID,PIN HSG ASSY,SLD,
COD ATE Part #2445860-2
36POS,HYBRID,PIN HSG ASSY,SLD,
COD BTE Part #2445860-3
36POS,HYBRID,PIN HSG ASSY,SLD,
COD C

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