



AMP+ | Charging Inlets

TE Internal #: 9-2368472-2

Housing for Male Terminals, Cable-to-Panel, Sealable, Black, Wire & Cable, Power & Signal, Panel Mount, -40 – 185 °F [-40 – 85 °C], Charging Inlets

[View on TE.com >](#)

Connectors > Automotive Connectors > Automotive Housings



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

Mating Pin Diameter: **3 mm, 6 mm [ .118 in, .236 in ]**

Connector System: **Cable-to-Panel**

Sealable: **Yes**

Hybrid Connector: **Yes**

**Features**

**Product Type Features**

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

**Electrical Characteristics**

Nominal Voltage Architecture	250 V
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**Body Features**

Primary Product Color	Black
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**Contact Features**

Contact Size	3mm, 6mm
Contact Type	Pin



Mating Pin Diameter	3 mm, 6 mm [.118 in][.236 in]
Contact Current Rating (Max)	32 A

### Mechanical Attachment

Mating Alignment Type	Polarized
Mating Alignment	With
Connector Mounting Type	Panel Mount

### Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C [158 °F][167 °F] [176 °F][185 °F]
Operating Temperature Range	-40 – 85 °C [-40 – 185 °F]

### Operation/Application

Circuit Application	Power & Signal
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### Other

Connector Position Assurance Capable	No
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## 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 2022 (224) Not Yet Reviewed
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.

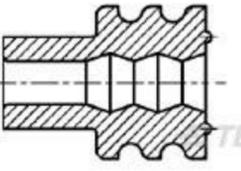
## Compatible Parts



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



TE Part # 1-794617-0  
10POS,MICRO MNL,RCPT HSG



TE Part # 963292-1  
WIRE SEALING 2,2



TE Part # 963143-1  
MQS BLINDSTOPFEN



TE Part # 2292534-1  
PROTECTION CAP,TE,WATER DRAIN



TE Part # 2293269-3  
DIA 6MM,PIN TERMINAL



TE Part # 2293270-3  
PIN DIA 6.0,RIGID,POWER PE



TE Part # 2316423-1  
STRAIN RELIEF, AC



TE Part # 2320214-1  
PERIPHERAL SEAL,63,63,CHARGE INLET, AC



TE Part # 2316422-1  
FAMILY SEAL, AC, 1PH, NATURAL



TE Part # 5-2296063-2  
CABLE EXIT, RECT, 90DEG

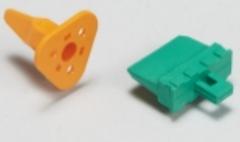


TE Part # 5-2316424-1  
COVER, CABLE SEAL, AC

## Also in the Series | Charging Inlets



Automotive Connector Caps & Covers (30)



Automotive Connector Locks & Position Assurance(3)



Automotive Housings(14)



Automotive Seals & Cavity Plugs(4)



Automotive Terminals(14)



Crimp Wire Pins, Tabs & Ferrules(6)



Electric, Hybrid & Fuel Cell Cable Assemblies(48)



High Voltage Wire Processing Equipment(18)



Other Automotive Connector Accessories(2)

## Customers Also Bought



TE Part #1-1991225-6  
PROTECTIVE COVER. IPT 16-50mm sq. CABLE D



TE Part #1-2141166-1  
3POS,8MM HV,REC HSG,90DEG,ASSY, SEALED



TE Part #1670814-1  
EMC, CRIMP CONTACT, IPT 70 - 1



TE Part #2141809-4  
CONTACT KIT, BODY AND SPRING,



TE Part #2151657-2  
OCEAN\_2.0\_APPLICATOR-S-040F0620



TE Part #2306177-1  
DIA 8MM,PIN TERMINAL



TE Part #2311753-1  
2POS,PCON12,REC HSG ASSY, 180DEG,COD A



TE Part #2840877-4  
SEAL RETAINER,PCON12,SIZE D



TE Part #7-2151657-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-040F0620



TE Part #1-2344703-3  
STRAIN RELIEF, AC

## Documents



## Product Drawings

### TYPE 2,CHARGE INLET ASSY,GENERAL

English

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## CAD Files

### Customer View Model

[ENG\\_CVM\\_CVM\\_9-2368472-2\\_B.3d\\_stp.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_9-2368472-2\\_B.3d\\_igs.zip](#)

English

## 3D PDF

3D

### Customer View Model

[ENG\\_CVM\\_CVM\\_9-2368472-2\\_B.2d\\_dxf.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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## Product Specifications

### Application Specification

English