



Connectors > Automotive Connectors > Connector Housings



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

Mating Pin Diameter: **8 mm**

Number of Positions: **1**

Sealable: **Yes**

Hybrid Connector: **Yes**

Features

Product Type Features

Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Hybrid Connector	Yes
Primary Locking Feature	Locking Lance
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Blank Cavity Position	1
Number of Positions	1
Number of Rows	1

Electrical Characteristics

Operating Voltage	850 VDC
Nominal Voltage Architecture	850 V

Body Features

Cable Exit Angle	180
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Body Material	PA
Primary Product Color	Orange
Connector Code	1

Contact Features

Mating Pin Diameter	8 mm
Contact Current Rating (Max)	200 A

Mechanical Attachment

Mounting Feature	With
Terminal Position Assurance	Yes
Mating Alignment Type	Polarized
Connector Mounting Type	Panel Mount

Dimensions

Product Width	59 mm
Product Length	102 mm
Product Height	60.45 mm

Usage Conditions

Operating Temperature (Max)	140 °C
Operating Temperature Range	-40 – 140 °C

Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Agency/Standard	LV214
Degree of Protection	IP2XB
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Box
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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

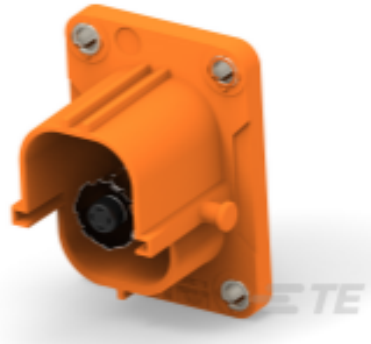
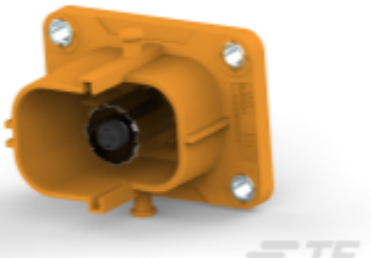
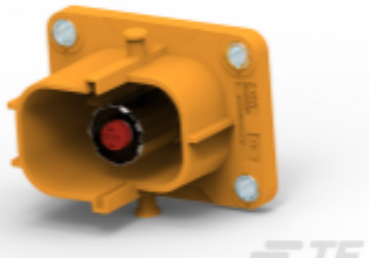
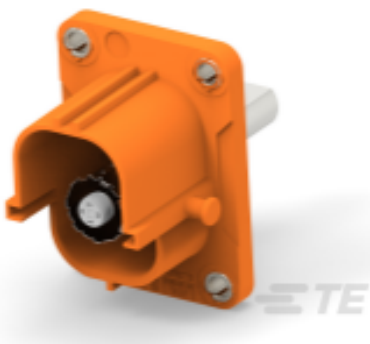
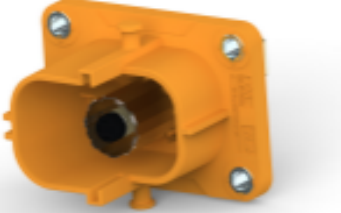


China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

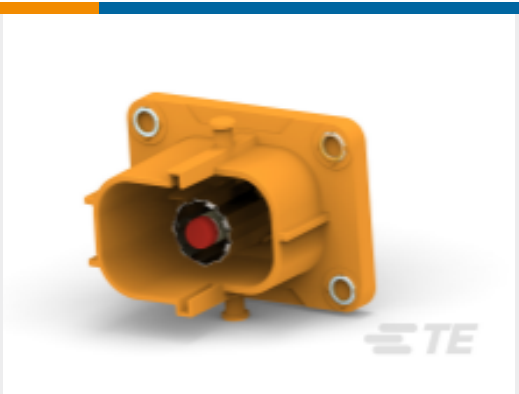
Product Compliance Disclaimer

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 # 2-2324108-1 1POS,P2P,HDR ASSY,COD A,UL94V-0	 TE Part # 2324108-1 1POS,P2P,HDR ASSY,COD A,UL94V-0	 TE Part # 2324108-2 1POS,PIN DIA 8.0,HDR ASSY,COD B	 TE Part # 2324108-3 1POS,PIN DIA 8.0,HDR ASSY,COD C
 TE Part # 2324108-4 1POS,PIN DIA 8.0,HDR ASSY,COD D	 TE Part # 2324108-5 1POS,PIN DIA 8.0,HDR ASSY,COD E	 TE Part # 2324108-6 1POS,PIN DIA 8.0,HDR ASSY,COD F	 TE Part # 4-2324108-1 1POS,P2P,HDR ASSY,COD A,UL94V-0





TE Part # 4-2324108-2
1POS,PIN DIA 8.0,HDR ASSY,COD B



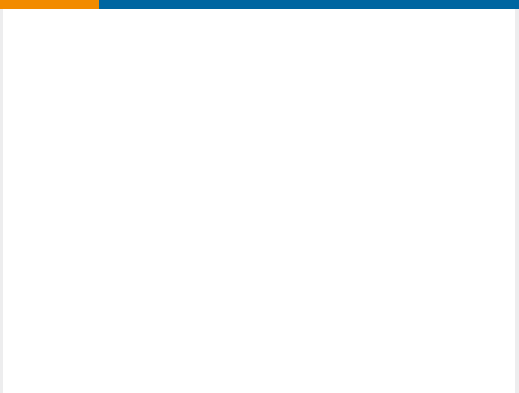
TE Part # 5-2324108-1
1POS,P2P,HDR ASSY,COD A,UL94V-0



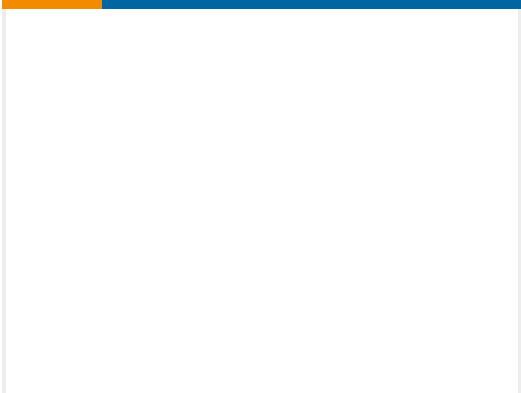
TE Part # 1-2324108-1
1POS,P2P,HDR ASSY,COD A,UL94V-0



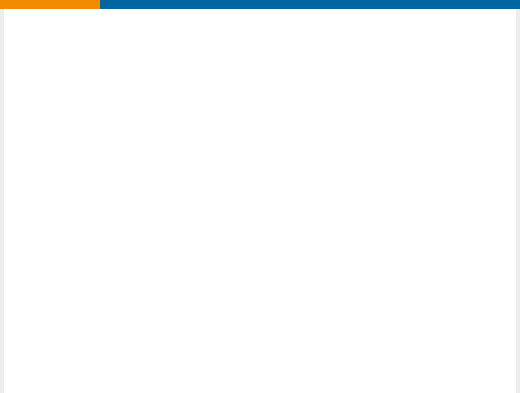
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1POS,PIN DIA 8.0,HDR ASSY,COD B



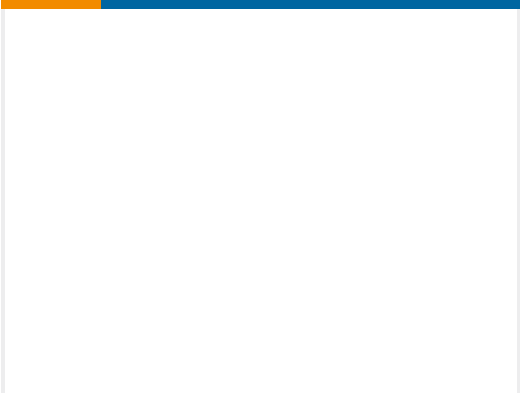
TE Part # 1-2324108-3
1POS,PIN DIA 8.0,HDR ASSY,COD C



TE Part # 1-2324108-4
1POS,PIN DIA 8.0,HDR ASSY,COD D



TE Part # 1-2324108-5
1POS,PIN DIA 8.0,HDR ASSY,COD E



TE Part # 1-2324108-6
1POS,PIN DIA 8.0,HDR ASSY,COD F



TE Part # 1-2324108-7
1POS,P2P,HDR ASSY,COD A,UL94V-0



TE Part # 2324108-7
1POS,P2P,HDR ASSY,COD A,UL94V-0

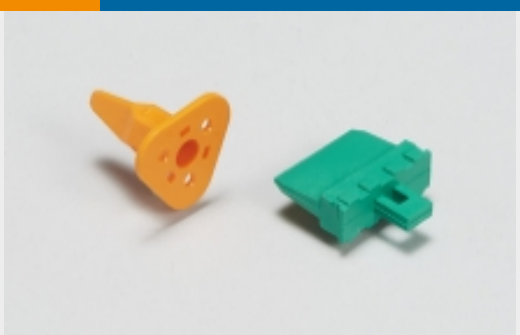
Also in the Series | AMP+ HVP800



Automotive Connector Caps & Covers
(11)



Automotive Connector EMC Shielding
(11)



Automotive Connector Locks & Position Assurance
(1)



Automotive Headers(56)



Automotive Housings(103)



Automotive Seals & Cavity Plugs(5)



Automotive Terminals(5)



Electric, Hybrid & Fuel Cell Cable Assemblies(10)



High Voltage Wire Processing Equipment(24)



Other Automotive Connector Accessories(1)

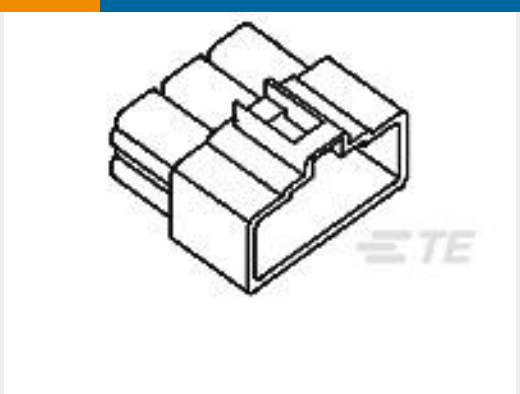
Customers Also Bought



TE Part #5-177901-1
Glow Wire Power Double Lock Plug



TE Part #368289-1
MULTILOCK, RECEPTACLE AND TAB



TE Part #171897-2
FF 250 REC HSG 6P NYLON BLCAK



TE Part #2-2324086-4
1POS,P2P,SOC HSG ASSY,180DEG,CODD,50SQMM



TE Part #2303272-1
FINGER PROT CAP,8MM HV,90DEG,UL94V0



TE Part #2307011-2
CU ALLOY,FERRULE,8MM HV,90DEG,35 SQMM



TE Part #2310488-1
PROTECTION COVER



TE Part #2324086-2
1POS,P2P,SOC HSG ASSY,180DEG,CODB,50SQMM



TE Part #2836915-1
OCEAN-2.0-APPLICATOR-S-062F0800



TE Part #7-1904094-7
V23134J0052D642-SZ-CBOX

Documents

Product Drawings

1POS,P2P,SOC HSG ASSY,180DEG,CODA,50SQMM

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2324086-1_B.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_2324086-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2324086-1_B.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English