



Connectors > Automotive Connectors > Automotive Housings



Connector System: **Wire-to-Wire**  
Number of Positions: **2**  
Connector & Housing Type: **Housing for Female Terminals**  
Centerline (Pitch): **23 mm [ .905 in ]**  
Sealable: **Yes**

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	650 VDC
Nominal Voltage Architecture	650 V

Body Features

Cable Exit Angle	90°
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Primary Product Color	Orange
Connector & Keying Code	A

Contact Features

Contact Size	8mm
Contact Type	Socket
Mating Pin Diameter	8 mm[.314 in]

Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA GF
Centerline (Pitch)	23 mm[.905 in]

Dimensions

Connector Height	55.7 mm[2.19 in]
Product Width	93.9 mm[3.69 in]
Product Length	83 mm[3.26 in]

Usage Conditions

Operating Temperature (Max)	140 °C[284 °F]
Operating Temperature Range	-40 – 140 °C[-40 – 284 °F]

Operation/Application

Circuit Application	Power
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Industry Standards

Degree of Protection	IP6K9K
Agency/Standard	LV214

Packaging Features

Packaging Quantity	18
Packaging Method	Carton

Other

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Serviceable	No
Connector Position Assurance Capable	Yes

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: JUNE 2023 (235) Candidate List Declared Against: JUL 2021 (219) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>


Compatible Parts




TE Part # 9-2141157-1  
SHIELD CRIMP FERRULE,90DEG



TE Part # 2141155-1  
PROTEC. COVER 8MM HV,90DEG



TE Part # 2141156-1  
SWS,8MM HV,WHT,50 SQMM



TE Part # 2141211-2  
8MM HV,TERMINAL,F-CRIMP



TE Part # 2141212-1 8MM HV, SOCKET PIN TERMINAL	TE Part # 2141159-1 FINGER PROT CAP 8MM HV, 90DEG	TE Part # 9-2141158-2 CU ALLOY, SHIELD, 8MM HV, CONN HSG, 90 DEG	TE Part # 2141155-2 PROTEC. COVER 8MM HV, 90DEG
TE Part # 2141156-2 SWS, 8MM HV, WHT, 35 SQMM	TE Part # 1-2141227-1 2POS, PIN DIA 8.0, PIN HSG, ASSY, SLD	TE Part # 2141227-1 2POS, PIN DIA 8.0, PIN HSG, ASSY, SLD	TE Part # 2141156-3 SWS, 8MM HV, WHT, 25 SQMM
TE Part # 2141155-3 PROTEC. COVER 8MM HV, 90DEG	TE Part # 1-2286713-1 2POS, 8MM HV, REC HSG, 90DEG, ASSY, SEALED	TE Part # 2141145-1 2. LOCK, IL	TE Part # 2141156-5 SINGLE WIRE SEAL, 8MM HV, 90DEG

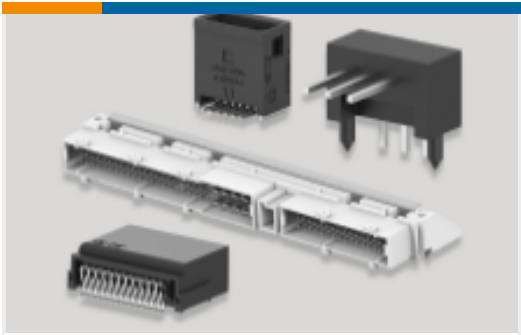
Also in the Series | AMP+ HVP800

Automotive Connector Caps & Covers (11)	Automotive Connector EMC Shielding (10)	Automotive Connector Locks & Position Assurance(1)	Automotive Housings(56)
Automotive Terminals(6)	Connector Seals & Cavity Plugs(5)	Electric, Hybrid & Fuel Cell Cable Assemblies(10)	High Voltage Wire Processing Equipment(25)





Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(44)

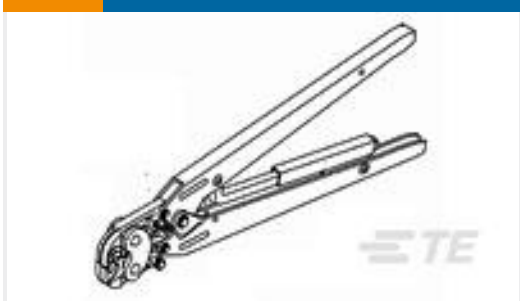
Customers Also Bought



TE Part #1-2141227-1  
2POS,PIN DIA 8.0,PIN HSG,ASSY,SLD



TE Part #386997J001  
V4-10.0-0-FSP-SM



TE Part #1463260-1  
DAHT 025 TAB REC G-Tab 22-20 ASSY



TE Part #2141156-3  
SWS,8MM HV,WHT,25 SQMM



TE Part #2141155-3  
PROTEC. COVER 8MM HV,90DEG



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



TE Part #1-2286937-5  
2POS,HVP800,180 DEG,50 SQMM, COD A,CS



TE Part #1-2286945-5  
2POS,HVP800,90 DEG,50 SQMM,COD A



TE Part #19309-000  
FLOAT-X1065



TE Part #81568-000  
VS-X1030-E SILVER PLATED TERMI

Documents

Product Drawings

2POS,8MM HV,REC HSG,90DEG,ASSY,SEALED

German

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-2141154-1\_E.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2141154-1\\_E.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2141154-1\\_E.3d\\_stp.zip](#)

English

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Product Specifications

Application Specification

English