



Connectors > Automotive Connectors > Automotive Housings



Number of Positions: 2

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

Mating Pin Diameter: 8 mm [.314 in]

Connector System: **Wire-to-Wire**

Centerline (Pitch): 23 mm [.905 in]

Features

Industry Standards

IP Rating	IP6K9K
Compatible With Agency/Standards Products	LV214

Dimensions

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

Packaging Features

Packaging Quantity	18
Packaging Method	Carton

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Keyed
Mating Alignment	With



Connector Mounting Type	Cable Mount (Free-Hanging)
Other	
Serviceable	No
Connector Position Assurance Capable	Yes
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
Electrical Characteristics	
Operating Voltage	650 VDC
Nominal Voltage Architecture	650 V
Body Features	
Cable Exit Angle	90°
Primary Product Color	Orange
Connector & Keying Code	B
Housing Features	
Housing Material	PA GF
Centerline (Pitch)	23 mm[.905 in]
Contact Features	
Contact Size	8mm
Contact Type	Socket
Mating Pin Diameter	8 mm[.314 in]
Product Type Features	
Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Configuration Features	
Number of Positions	2
Number of Rows	1
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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Product Compliance

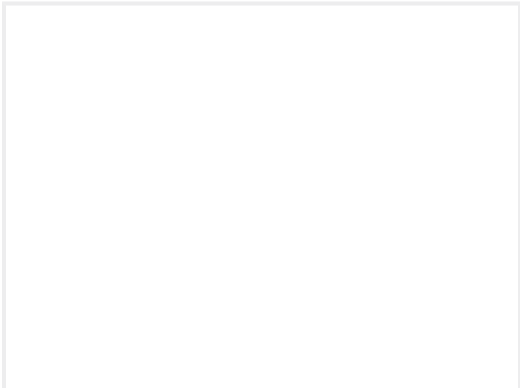
For compliance documentation, visit the product page on TE.com>

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 2024 (241) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 # 2141153-2
LEVER,2POS,90DEG



TE Part # 1-2286713-2
2POS,8MM HV,REC HSG,90DEG,ASSY, SEALED



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



TE Part # 2141159-1
FINGER PROT CAP 8MM HV,90DEG



Also in the Series | AMP+ HVP800

Automotive Connector EMC Shielding (10)	Automotive Connector Locks & Position Assurance(1)	Automotive Headers(44)	Automotive Housings(56)



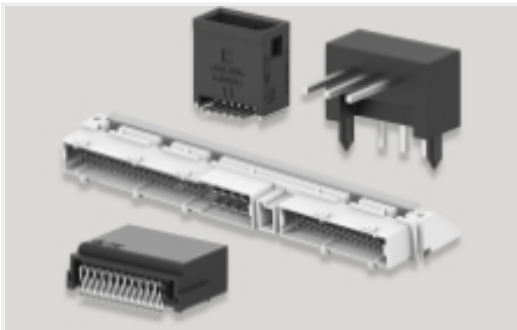
Electric, Hybrid & Fuel Cell Cable Assemblies(79)



High Voltage Wire Processing Equipment(24)



Other Automotive Connector Accessories(1)

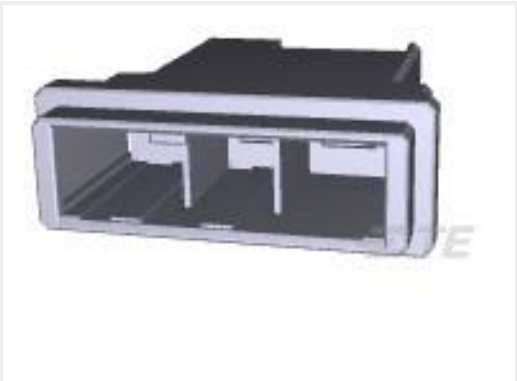


PCB Headers & Receptacles(44)



Wire-to-Board Headers & Receptacles (2)

Customers Also Bought



TE Part #1-353046-3
DYNAMIC D-5200S TAB HSG 3P K/X



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



TE Part #1747443-6
DYNAMIC D-5 TAB CONTACT_L-SIZE



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



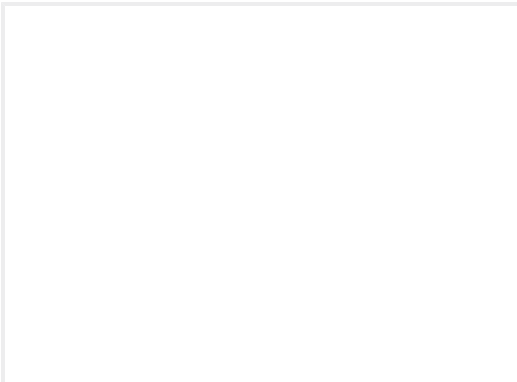
TE Part #4-2103177-1
PLUG ASSY, KEY A, FA,CPA, HVA280-2PHI XE



TE Part #1587828-2
INNER FERRULE, SIZE B, HVA280-2PI



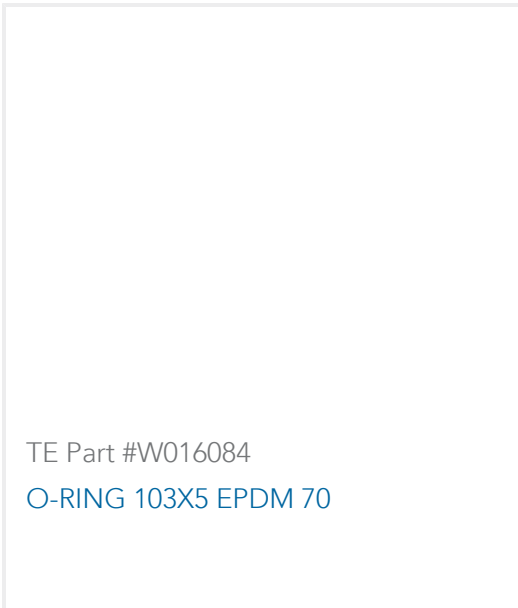
TE Part #3-456410-7
CRIMPER, WIRE .130 "F"



TE Part #19309-000
FLOAT-X1065



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



TE Part #W016084
O-RING 103X5 EPDM 70

Documents



Product Drawings

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

German

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2141154-2_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2141154-2_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2141154-2_E.3d_stp.zip

English

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Product Specifications

Application Specification

English