

2103247-1 ✓ ACTIVE

HVA 280

TE Internal #: 2103247-1

PCB Mount Header, Wire-to-Device, Fully Shrouded, Sealable,
Orange, HVA 280

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles > HIGH VOLTAGE HEADER



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

Sealable: **Yes**

Primary Product Color: **Orange**

Connector Code: **A**

[All HIGH VOLTAGE HEADER \(33\)](#)

Features

Product Type Features

Hybrid Header	No
Connector & Housing Shape	Rectangular
PCB Connector Assembly Type	PCB Mount Header
Header Type	Fully Shrouded
Connector System	Wire-to-Device
Sealable	Yes

Body Features

Primary Product Color	Orange
Connector Code	A

Mechanical Attachment

Mounting Holes	Without
Mating Retention	With
Mating Alignment	With
PCB Mount Alignment	Without
Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Retention Type	Locking Interface

Dimensions



Connector Length	45.4 mm[1.78 in]
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Connector Width	40.6 mm[1.59 in]
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Operation/Application

Shielded	No
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Packaging Features

Packaging Type	Package
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Packaging Quantity	1
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2020 (205) SVHC > Threshold: Not Yet Reviewed
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not reviewed for solder process capability
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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 # 2103321-1
3p Inner Hsg, Split Hdr, Key A, HVA280



TE Part # 2103245-2
Inner Housing, Split Hdr, Key B, HVA280




TE Part # 2103245-1
Inner Housing, Split Hdr, Key A, HVA280




TE Part # YHVA280-3PXM-A-000
HVA280-3pxm XE,Key A


Also in the Series | HVA 280




Automotive Connector Caps & Covers (4)




Automotive Connector EMC Shielding (15)



Automotive Housings (74)




Automotive Seals & Cavity Plugs (7)



Electric, Hybrid & Fuel Cell Cable Assemblies (6)



High Voltage Wire Processing Equipment (7)



Other Automotive Connector Accessories (37)



PCB Headers & Receptacles (36)

Customers Also Bought




TE Part #2-2141600-2
TIMER, RECEPTACLE AND TAB



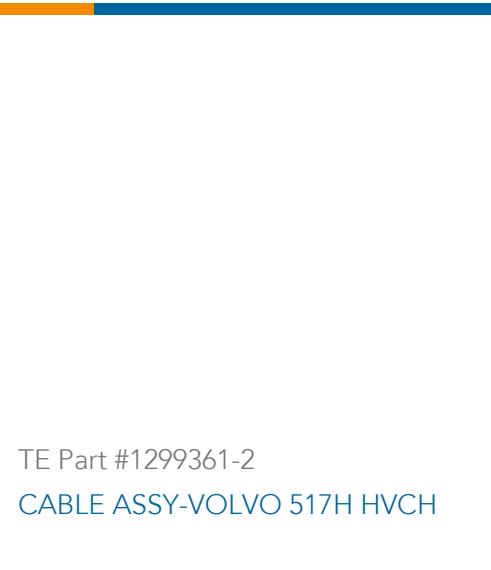
TE Part #1564411-1
SLIDE, TAB HSG GROUP E



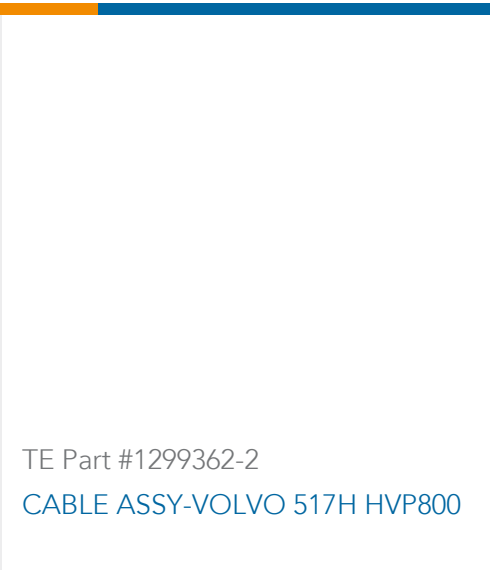
TE Part #2103247-5
SPLIT HEADER ASSY, KEY E, HVA280



TE Part #1299360-2
CABLE ASSY-VOLVO 517H OBC



TE Part #1299361-2
CABLE ASSY-VOLVO 517H HVCH



TE Part #1299362-2
CABLE ASSY-VOLVO 517H HVP800



Documents

Product Drawings

[SPLIT HEADER ASSY, KEY A, HVA280](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_2103247-1_A.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2103247-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2103247-1_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[HEMS Product Overview](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English