

2103340-1 ✓ ACTIVE

HVA 280

TE Internal #: 2103340-1

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

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



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

Sealable: **Yes**

Primary Product Color: **Orange**

Connector Code: **A, D, E**

[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, Wire-to-Wire
Sealable	Yes

Configuration Features

Number of Sections	3
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Body Features

Primary Product Color	Orange
Connector Code	A, D, E

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
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Dimensions

Connector Length	113.2 mm[4.45 in]
Connector Width	38.1 mm[1.5 in]

Operation/Application

Shielded	No
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Packaging Features

Packaging Type	Package
Packaging Quantity	1

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 2022 (224) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Bromine/Chlorine - Br and Cl < 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 # 4-2103177-1
PLUG ASSY, KEY A, FA,CPA, HVA280-2PHI XE

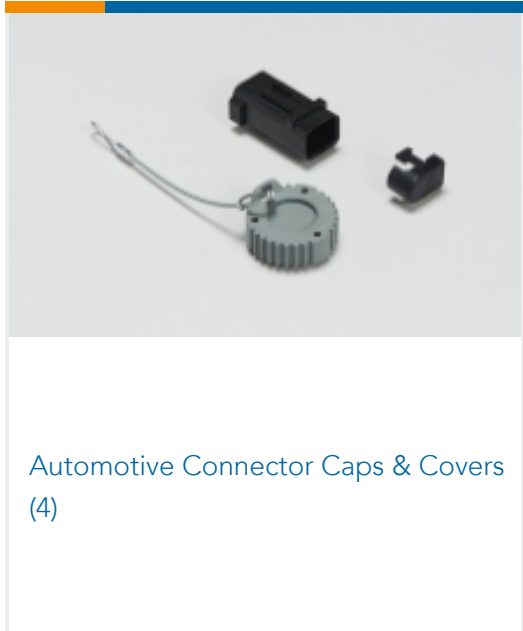


TE Part # 4-2103177-5
PLUG ASSY, KEY E, FA,CPA, HVA280-2PHI XE

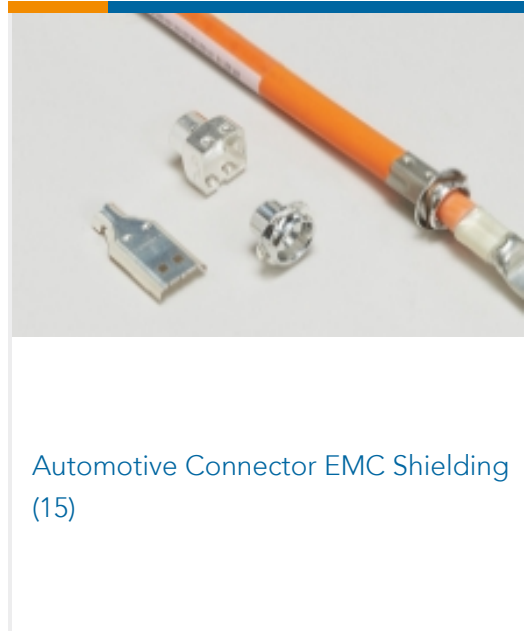


TE Part # 4-2103177-4
PLUG ASSY, KEY D, FA,CPA, HVA280-2PHI XE

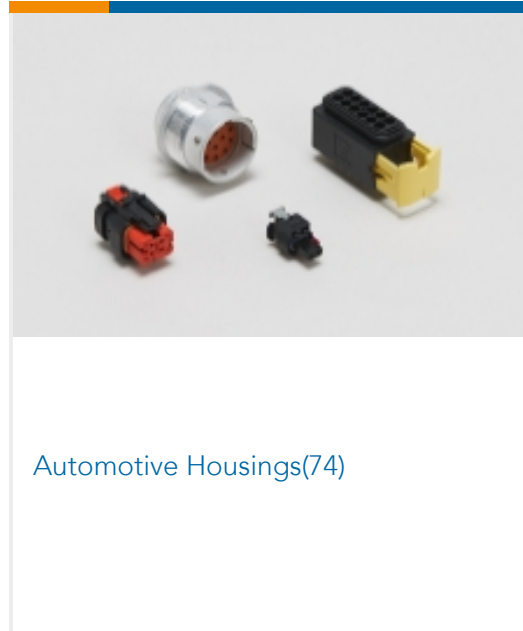
Also in the Series | **HVA 280**



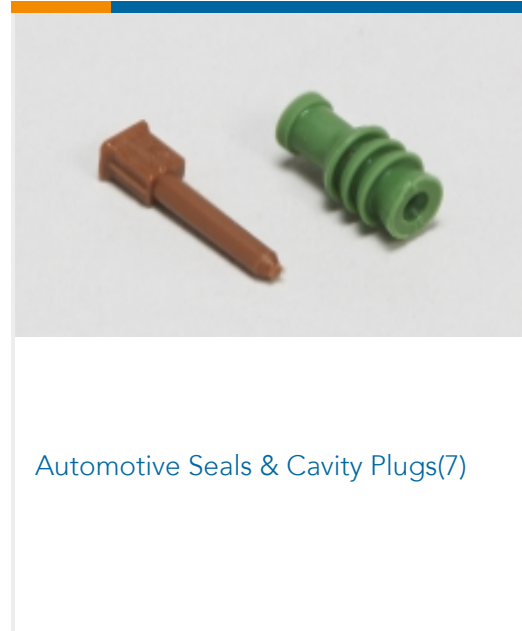
Automotive Connector Caps & Covers (4)



Automotive Connector EMC Shielding (15)



Automotive Housings(74)



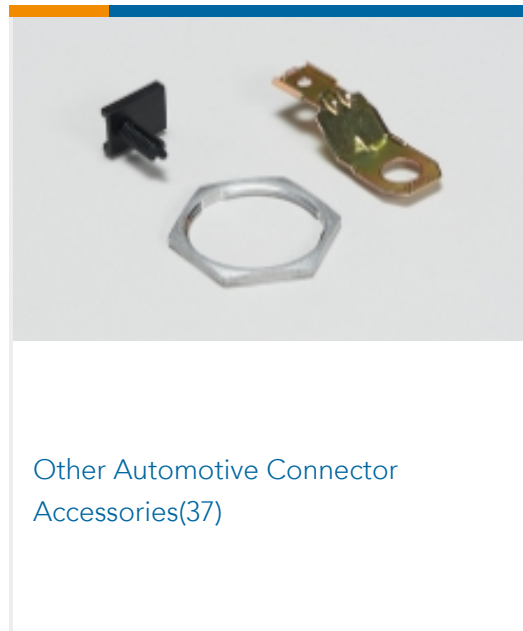
Automotive Seals & Cavity Plugs(7)



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 #DT06-6S-CE02
PLG, 6P, BLK, E



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



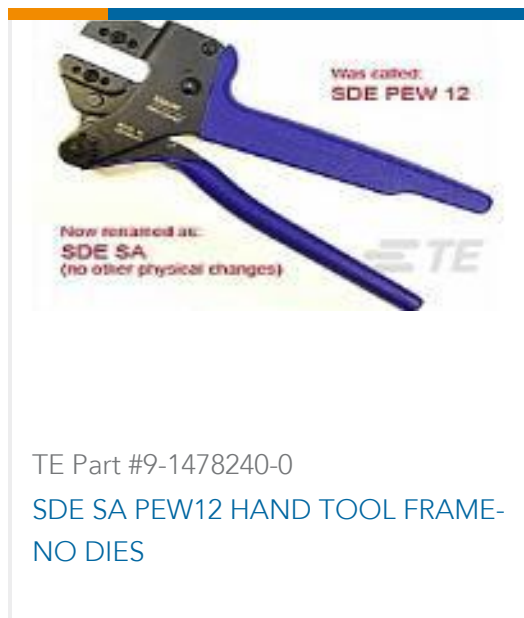
TE Part #42098-1
FF 250 TAB 18-14 AWG .032 BR



TE Part #953122-3
40W MQS COVER ASSY (15D)



TE Part #770248-1
UMNL II PIN PTPBR LP 20-14AWG



TE Part #9-1478240-0
SDE SA PEW12 HAND TOOL FRAME-NO DIES



TE Part #HDC16-9-JDL
DUST CAP, 9P, REC, GRY, LANYARD, HD10



TE Part #1-1718484-3
CARRIER FOR RECEPTACLE INSERTS



Documents

Product Drawings

[HVA280 3 Bay Header Sub-Assy, KEY A,D,E](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2103340-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2103340-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2103340-1_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

Instruction Sheets

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

English