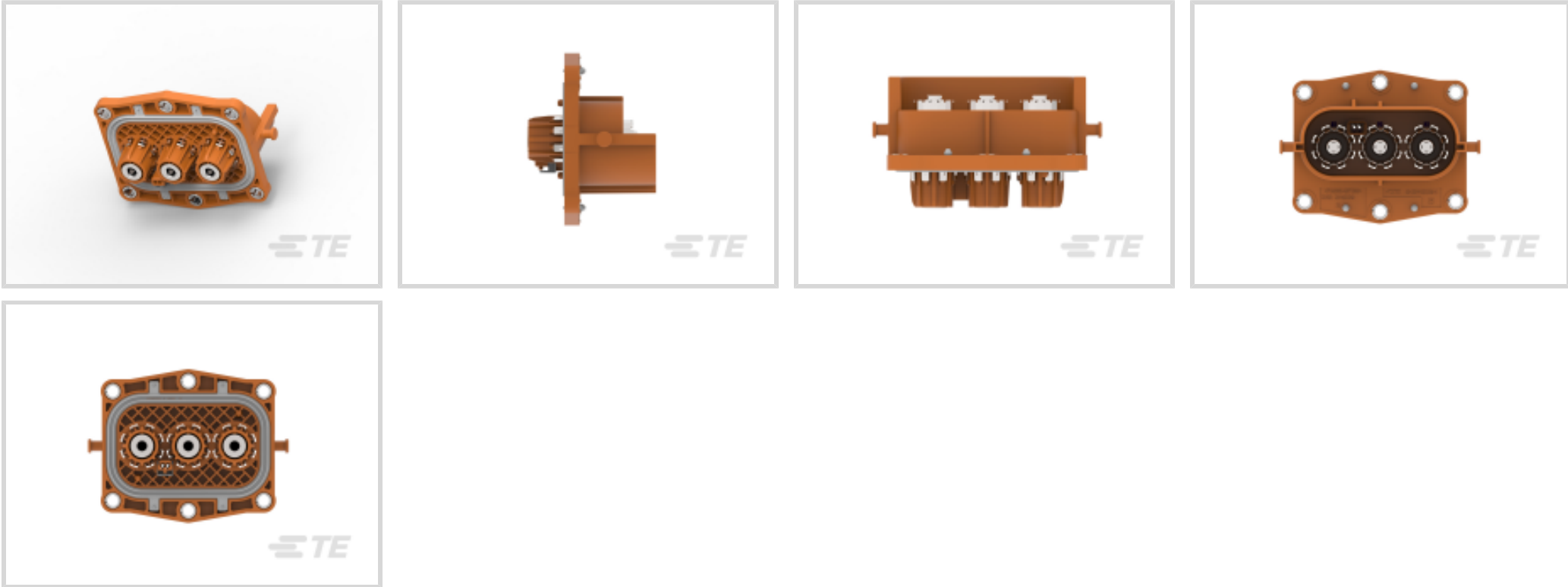




Connectors > PCB Connectors > PCB Headers & Receptacles > High-Voltage Header



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

Number of Positions: 3

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

Sealable: Yes

Number of Rows: 1

[All High-Voltage Header \(29\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	3
Number of Rows	1

Body Features

Connector & Keying Code	A
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Contact Features

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

Mechanical Attachment

Mating Alignment	With
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Housing Features

Centerline (Pitch)	23 mm[.905 in]
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Usage Conditions

Operating Temperature (Max)	70 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C, 140 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F]
Operating Temperature Range	-40 - 140 °C[-40 - 284 °F]

Operation/Application

Shielded	Yes
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Industry Standards

Degree of Protection	IP6K9K
UL Flammability Rating	UL 94HB

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 2024 (240) Candidate List Declared Against: JUNE 2023 (235) 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

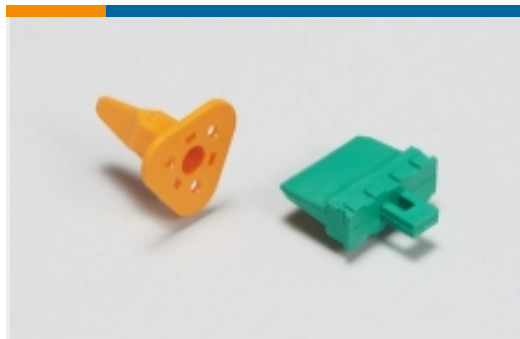


chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may 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 # 1-2141166-1 3POS,8MM HV,REC HSG,90DEG,ASSY, SEALED	 TE Part # YH800-3P-180-50M-A HVP800-3phi XE,180,50sqmm,Key A	 TE Part # YHV800-3P-90-50M-A HVP800-3phi XE,90,50sqmm,Key A	 TE Part # 2141228-1 3POS,PIN DIA 8.0,PIN HSG,90,SEALED
 TE Part # 2141229-1 RADIAL SEAL 79.4 X 50	 TE Part # 2177966-1 2. LOCK,IL		

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(7)	 Connector Seals & Cavity Plugs(5)	 Electric, Hybrid & Fuel Cell Cable Assemblies(79)	 High Voltage Wire Processing Equipment(24)



Other Automotive Connector
Accessories(1)



PCB Headers & Receptacles(44)

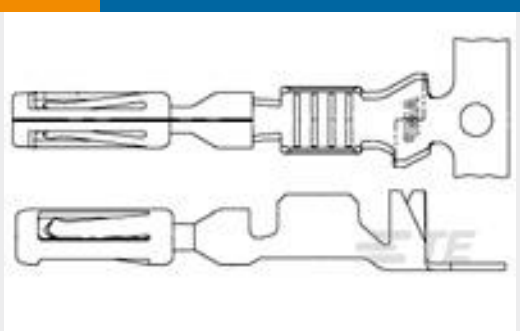
Customers Also Bought



TE Part # 1462052-6
HF6 56=50OHM140MW12V MONO



TE Part # DT12P-DC
PROTECT CVR, 12P, REC, GRY, DT



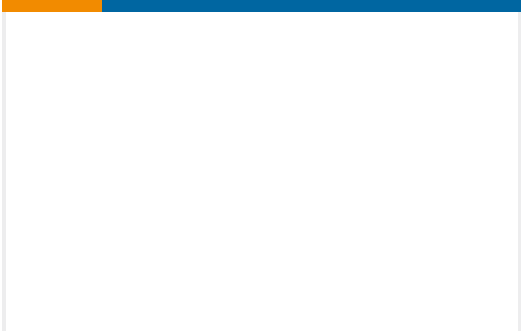
TE Part # 770520-3
AMPSEAL,TERMINAL,GOLD PLATE,
16-20AWG WIR



TE Part # 2103149-1
PLUG, HVIL ONLY, KEY A, HVA280-
2PHI



TE Part # 1801177-1
3W TAB CONNECTOR HP BLACK



TE Part # AEA066N00000201000
623 RECEPTACLE, SPEEDTEC-READY



TE Part # AKA012N00410100000
623 EXTENSION, SPEEDTEC



TE Part # ASA021N00100235000
623 PLUG



TE Part # ASA021N00620235000
623 PLUG

Documents

- Product Drawings

3POS,PIN DIA 8.0,PIN HSG,ASSY,SLD

German
- CAD Files

3D PDF

3D
- Customer View Model

ENG_CVM_CVM_2141230-1_D.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_2141230-1_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2141230-1_D.3d_stp.zip](#)

English

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

Product Specifications

[Application Specification](#)

English