



Automotive Parts > Automotive Connectors > Automotive Headers > Low & Medium Power Header



PCB Mount Orientation: **Vertical**

Contact Current Rating (Max): **16 A**

Termination Method to PCB: **Through Hole - Screw**

Sealable: **Yes**

Centerline (Pitch): **11.5 mm [.452 in]**

[All Low & Medium Power Header \(61\)](#)

Features

Product Type Features

Mixed & Hybrid Header	No
Header Type	Fully Shrouded
Connector Shape	Rectangular
Connector Product Type	Housing
Sealable	Yes
Connector System	Wire-to-Bus Bar
Connector & Contact Terminates To	Bus Bar

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	4
Number of Rows	1

Body Features

Connector & Keying Code	A
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Primary Product Color

Orange

Contact Features

Mating Pin Diameter	8 mm[.314 in]
Contact Type	Pin, Tab
Mating Tab Width	1.2 mm[.047 in]
Contact Current Rating (Max)	16 A
Contact Mating Area Plating Material	Silver (Ag), Tin (Sn)

Termination Features

Termination Method to PCB	Through Hole - Screw
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Mechanical Attachment

Mating Alignment	With
Connector Mounting Type	Bus Bar Mount

Housing Features

Centerline (Pitch)	11.5 mm[.452 in]
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Usage Conditions

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

Operation/Application

Shielded	Yes
Circuit Application	Power

Industry Standards

IP Rating	IP6K9K
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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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC



Halogen Content	Low Halogen - Br, Cl, F < 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 # 9-2208101-1  
PROTEC. COVER 8MM HV,3POS  
PINHEADER



TE Part # 1-2141154-1  
2POS,8MM HV,REC HSG,90DEG,ASSY,  
SEALED



TE Part # 1-2286937-6  
2POS,HVP800,180 DEG,50 SQMM,  
COD A,CS



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

Also in the Series | AMP+ HVP800



Automotive E-Mobility Headers(2)

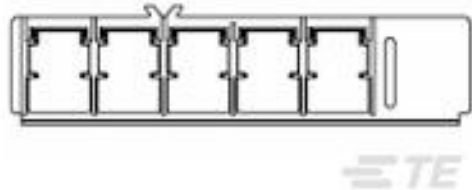


Electric, Hybrid & Fuel Cell Cable  
Assemblies(13)

Customers Also Bought



TE Part #173681-1  
040 MLC REC CONTACT



TE Part #787439-1  
BATT INT,INSERT ASSY,5P,12.0V



TE Part #5-1418760-1  
MCON 1.2 LL TAB STC SN



TE Part #1924968-7  
CONTACT, MALE 0.64, .13SQMM



TE Part #2035170-4  
CONTACT,FEMALE, 0.64, 0.35SQMM, CUNISI




TE Part #1-2177909-1  
MCON 0.5 CB, CONTACT



TE Part #524198-E  
SRCBUG A 6,20 \* 5 CSI 206 E-HD ADVCOR TR



TE Part #1587987-8  
RECEPTACLE ASSEMBLY, 200A, MSD



TE Part #6-1768383-4  
LBF-2000P-RIBBON-1966-MED



TE Part #2103172-8  
Plug Assembly, 200A, MSD

Documents

Product Drawings  
2POS,HVP800,180DEG,HEADER,COD A  
German

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_1-2141227-1\_D.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_1-2141227-1\_D.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_1-2141227-1\_D.3d\_stp.zip  
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

1-2141227-1

Vertical, Wire-to-Bus Bar, 4 Position, 1 Row, 11.5mm [.452in] Centerline, Silver (Ag) / Tin (Sn), Sealable, Bus Bar, AMP+ HVP800



Application Specification

English