

1-2141230-1 ✓ ACTIVE

AMP+ | AMP+ HVP800

TE Internal #: 1-2141230-1

Vertical, Wire-to-Bus Bar, 5 Position, 1 Row, 23mm [.905in]

Centerline, Silver (Ag) / Tin (Sn), Sealable, Bus Bar, AMP+ HVP800

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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): **23 mm [.905 in]**

[All Low & Medium Power Header \(54\)](#)

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	5
Number of Rows	1

Body Features

Connector & Keying Code	A
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Primary Product Color	Orange
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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)	23 mm[.905 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
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	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: JUN 2020 (209)

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 # 9-2208100-1
PROTEC. COVER 8MM HV,2POS
PINHEADER

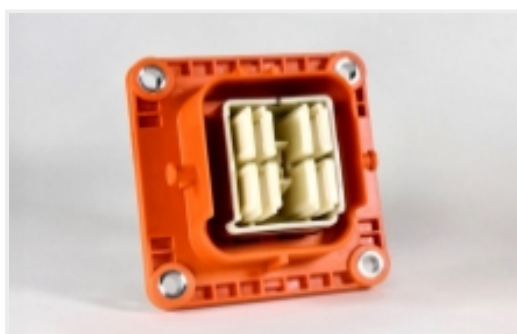


TE Part # 1-2141166-2
3POS,8MM HV,REC HSG,90DEG,ASSY,
SEALED



TE Part # 1-2141166-1
3POS,8MM HV,REC HSG,90DEG,ASSY,
SEALED

Also in the Series | AMP+ HVP800



Automotive E-Mobility Headers(2)

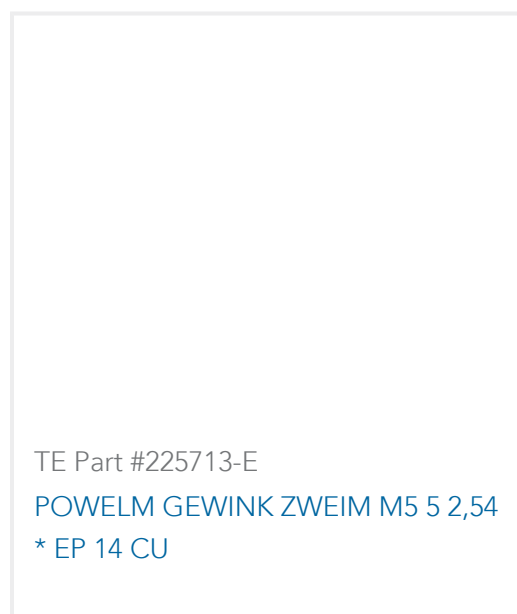


Automotive Housings(4)



Electric, Hybrid & Fuel Cell Cable
Assemblies(13)

Customers Also Bought



Documents

Product Drawings

3POS,HVP800,180DEG,HEADER,COD A

German

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-2141230-1_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2141230-1_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2141230-1_D.3d_stp.zip](#)

English

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

Product Specifications

1-2141230-1

Vertical, Wire-to-Bus Bar, 5 Position, 1 Row, 23mm [.905in] Centerline, Silver (Ag) / Tin (Sn), Sealable, Bus Bar, AMP+ HVP800



Application Specification

English