



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 \(61\)](#)

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	5
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
Mechanical Attachment	
Mating Alignment	With
Connector Mounting Type	Bus Bar Mount
Housing Features	
Centerline (Pitch)	23 mm[.905 in]
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 # 1-2141166-2
3POS,8MM HV,REC HSG,90DEG,ASSY, SEALED



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



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

Also in the Series | AMP+ HVP800



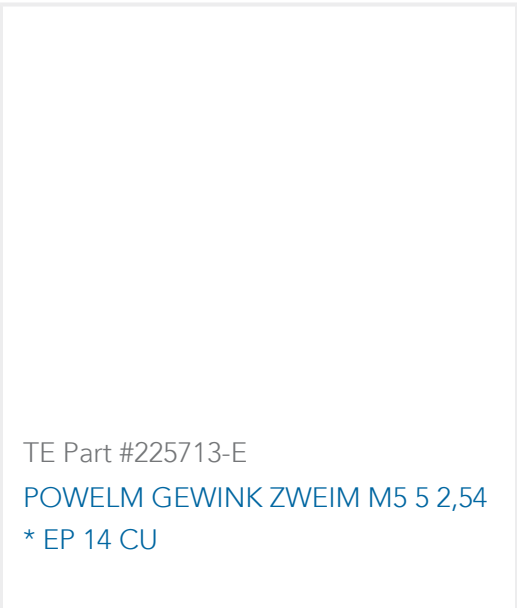
Automotive E-Mobility Headers(2)




Electric, Hybrid & Fuel Cell Cable Assemblies(13)

Customers Also Bought







TE Part #225713-E
POWELM GEWINK ZWEIM M5 5 2,54
* EP 14 CU




TE Part #HD18-009
BACK SHELL




TE Part #HD14-9-96P-C016
REC, 9P, GRY, N, HJ BLOCKED,
THRD, 16




TE Part #2-1393047-5
RESOLVER V23401-S1001-B101




TE Part #1623490-1
CRG1206 1% 33R




TE Part #1676915-6
YR1 0.1% 715R




TE Part #5-1676915-6
YR1 0.1% 110K



TE Part #1813284-1
SOCKET SPACER(Bosch:F 00R J00



TE Part #2141227-1
2POS,PIN DIA 8.0,PIN HSG,ASSY,SLD



TE Part #9-2208101-1
PROTEC. COVER 8MM HV,3POS
PINHEADER

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