



Connectors > PCB Connectors > PCB Headers & Receptacles > Low & Medium Power Header



PCB Connector Type: **PCB Mount Header**

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

Number of Positions: **2**

Number of Rows: **1**

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

[All Low & Medium Power Header \(64\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	2
Number of Rows	1

Body Features

Connector & Keying Code	A
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Contact Features



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

Mechanical Attachment

Mating Alignment	With
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Housing Features

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

Operating Temperature (Max)	125 °C[212 °F]
Operating Temperature Range	-40 – 140 °C[-40 – 284 °F]

Operation/Application

Shielded	Yes
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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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2024 (240) 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 # 1-2141154-1
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

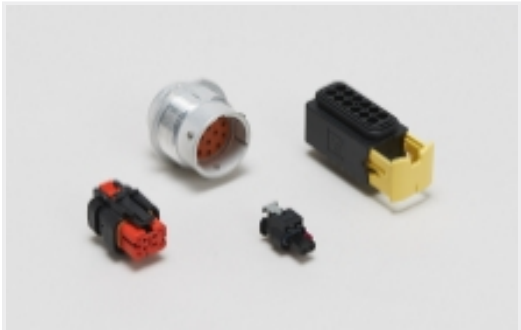


TE Part # 9-2208101-1
PROTEC. COVER 8MM HV,3POS PINHEADER

Also in the Series | AMP+ HVP800



Automotive Headers(14)



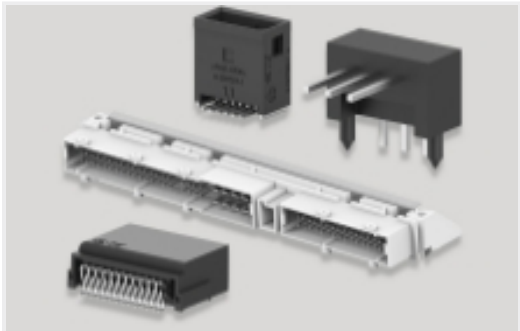
Automotive Housings(25)



Electric, Hybrid & Fuel Cell Cable Assemblies(13)



High Voltage Wire Processing Equipment(24)

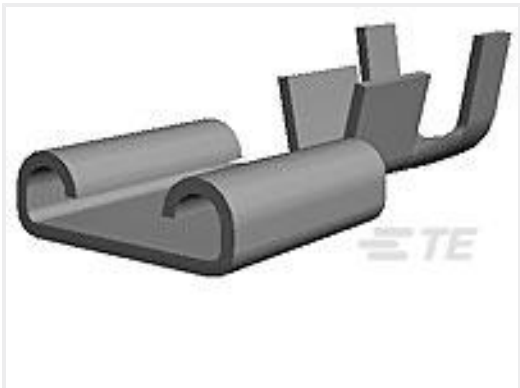


PCB Headers & Receptacles(14)



Rectangular Power Connectors(12)

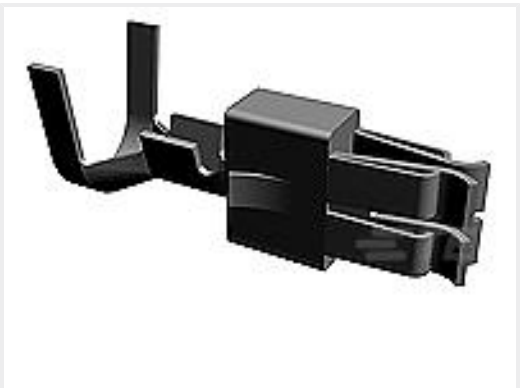
Customers Also Bought



TE Part #6-160432-0
250 FASTON REC 20-16 AWG TPBZ



TE Part #384455-E
SRCBUG A 2,54 2 4 CSI 164 E1 ADV J 2 324

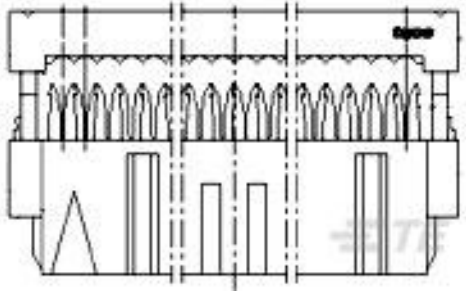


TE Part #927835-2
SPT REC 6.3 Contact SWS Sn



TE Part #1-794607-1
MICRO MNL RPT CNT STRP 15AU LF





TE Part #3-215911-4
34 WAY GREY MK II RECP

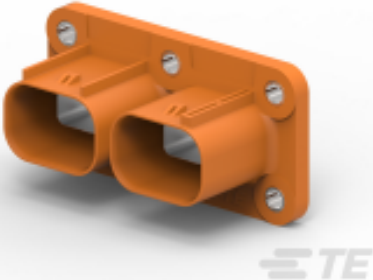


TE Part #2-35772-1
TERMINAL,SOLIS R 12-10 1/4



TE Part #1-2286937-5
2POS,HVP800,180 DEG,50 SQMM, COD A,CS

TE Part #1-2468492-1
Plug Assembly, 350A, MSD



TE Part #2103346-2
HVA280 2 Bay Header Sub-Assy, KEY D, F



TE Part #2103245-5
Inner Housing, Split Hdr, Key E, HVA280

Documents

Product Drawings
2POS,PIN DIA 8.0,PIN HSG,ASSY,SLD
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
Application Specification
English