

2177592-1 **×** OBSOLETE

AMP+ HVP800

TE Internal #: 2177592-1

TE Internal Description: 8MM HV,TERMINAL,HEX CRIMP,180DEG,
50 SQMM

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Terminals & Splices > Automotive Terminals



Terminal Type: **Socket**

Mating Pin Diameter: **8 mm [.314 in]**

Terminal Transmits: **25 – 40 A (Power)**

Wire Size: **50 mm²**

Features

Product Type Features

Sealable	No
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Contact Features

Wire Contact Termination Area Plating Material	Silver
Crimp Type	O-Crimp
Terminal Type	Socket
Mating Pin Diameter	8 mm [.314 in]
Interface Plating	Silver (Ag)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Wire Size	50 mm ²
Wire Size Search	0 AWG

Usage Conditions

Insulation Option	Uninsulated
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Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Quantity	130
Packaging Method	Box

Other

Customer Preferred Contact	No
Terminal Transmits	25 – 40 A (Power)

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 2023 (233) Candidate List Declared Against: JAN 2020 (205) 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>

Also in the Series | [AMP+ HVP800](#)



Automotive Connector Caps & Covers (11)



Automotive Connector EMC Shielding (10)



Automotive Connector Locks & Position Assurance(1)



Automotive Housings(55)



Automotive Seals & Cavity Plugs(5)



Automotive Terminals(7)



Electric, Hybrid & Fuel Cell Cable Assemblies(10)



High Voltage Wire Processing Equipment(25)



Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(44)

Customers Also Bought



TE Part #SRK-PC-080-35-601
PIN, SOLID, SIZE M8, 35mm2, AG



TE Part #K1127684
Relay 29-112-12



TE Part #K1128688
Battery Disconnecter 35-411-130-R-900



TE Part #HDP24-24-35SE
DEUTSCH HDP20 Housings



TE Part #K1012918
Relay 26-70-04



TE Part #DARS24296-000A3
CAR PIN STANDARD CONT. #5, silver plated



TE Part #HC5956
BATT.LEAD 90 DEG 70MM+VE.



TE Part #HC5957
BATT.LEAD 90 DEG 70MM-VE.

Documents



CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2177592-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2177592-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2177592-1_B.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

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

Instruction Sheet (U.S.)

English