

HPI

TE Internal #: 440129-9

Housing, Receptacle, Wire-to-Board, 9 Position, 2 mm [.079 in]

Centerline, Crimp, 1 Row, Natural, Mating Retention, Wire & Cable,

Power & Signal, HPI

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Connector Product Type: Housing

Connector & Housing Type: Receptacle

Connector System: Wire-to-Board

Number of Positions: 9

Centerline (Pitch): 2 mm [.079 in]

All AMP HPI 2.0 mm Receptacle Housings (60)

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	9
Number of Rows	1

Electrical Characteristics

Dielectric Withstanding Voltage (Max)	1000 VAC
Insulation Resistance	1000 ΜΩ
Operating Voltage	250 VAC



Body Features	
Primary Product Color	Natural
Contact Features	
Contact Layout	Inline
Contact Type	Socket
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	3 A
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Strain Relief	Without
Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Retention Type	Detent
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Housing Entry Configuration	Both Ends Closed
Housing Material	Thermoplastic
Centerline (Pitch)	2 mm[.079 in]
Dimensions	
Connector Length	19.8 mm[.78 in]
Connector Height	4.5 mm[.177 in]
Connector Width	6.9 mm[.272 in]
Compatible Insulation Diameter Range	.9 – 1.5 mm[.035 – .059 in]
Wire Size	.05 – .22 mm²
Usage Conditions	
Operating Temperature Range	-25 – 85 °C[-13 – 185 °F]
Operation/Application	
Circuit Application	Power & Signal
Industry Standards	



Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	1000
Packaging Method	Bag/Carton

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 applicable for solder process capability

Product Compliance Disclaimer

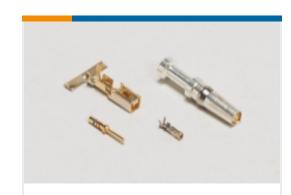
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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





Also in the Series | HPI



Connector Contacts(1)



PCB Headers & Receptacles(332)



Wire-to-Board Connector Assemblies & Housings(134)

Customers Also Bought



3MV1=F7756 S0



TE Part #440129-4
AMP HPI 2.0 mm Receptacle Housings



TE Part #1-440054-1
AMP HPI 2.0 mm Headers



TE Part #6609012-1 3EH1=F7645 S0



TE Part #1735801-1 2.0mm,Crimp,Contact



TE Part #3-2176338-7 CRGCQ 0402 1M0 5%



TE Part #2-2176338-1 CRGCQ 0402 2K2 5%



Documents

Product Drawings 2.0MM,HSG,9POS

English

CAD Files

3D PDF

3D



Customer View Model

ENG_CVM_CVM_440129-9_C2.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_440129-9_C2.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_440129-9_C2.3d_stp.zip

English

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

Datasheets & Catalog Pages

HPI Connectors QRG

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English