1735447-9 ✔ ACTIVE

TE Internal #: 1735447-9
Housing, Receptacle, Wire-to-Board, 9 Position, .079 in [2 mm]
Centerline, 1 Row, Natural, Mating Retention, Wire & Cable, Power
& Signal

View on TE.com >

AMP HPI 2.0 mm Receptacle Housings

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

Operating Voltage	250 VAC

Body Features

Primary Product Color	Natural

Contact Features

Contact Layout	Inline
Contact Type	Socket
Contact Base Material	Copper Alloy

1735447-9

Housing, Receptacle, Wire-to-Board, 9 Position, .079 in [2 mm] Centerline, 1 Row,
Natural, Mating Retention, Wire & Cable, Power & Signal

Contact Current Rating (Max)	3 A

Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Retention Type	Latch
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	18.8 mm[.74 in]
Connector Height	6.55 mm[.258 in]
Connector Width	9.4 mm[.37 in]
Wire Size	.05 – .02 mm²

Usage Conditions

Operating Temperature Range	-25 – 85 °C[-13 – 185 °F]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	600
Packaging Method	Bag

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

1735447-9

Housing, Receptacle, Wire-to-Board, 9 Position, .079 in [2 mm] Centerline, 1 Row, Natural, Mating Retention, Wire & Cable, Power & Signal

EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2022 (224) 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
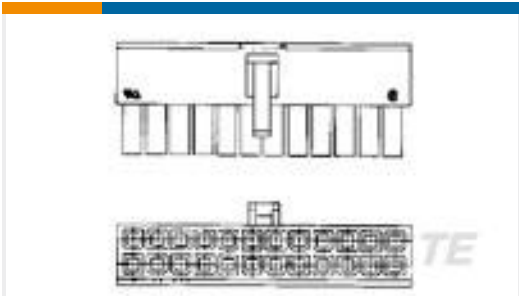
Compatible Parts

TE Part # 1735446-9

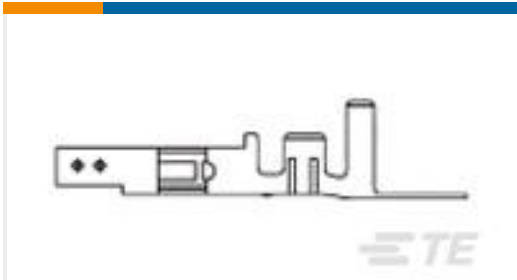2MM PITCH HPI POST HEADER, VERTICAL, 9P

Customers Also Bought

TE Part #440055-5

AMP HPI 2.0 mm Headers

TE Part #794954-4

4P RCPT VAL-U-LOK V2

TE Part #1586315-1

VAL-U-LOK SKT BR SN 24-18 LP

TE Part #2213775-1

AV16 SPM 0.4VA POWER LED WHITE 12V

1735447-9

Housing, Receptacle, Wire-to-Board, 9 Position, .079 in [2 mm] Centerline, 1 Row, Natural, Mating Retention, Wire & Cable, Power & Signal

TE Part #3-1625867-8
RP 1J 0.166W 15R 0.1% 25PPM 1K RL

TE Part #4-1879207-4
RN 0603 432K 0.1% 10PPM 1K RL

TE Part #6-1879207-2
RN 0603 432K 0.1% 10PPM 5K RL

Documents

Product Drawings

HPI 2.0 RECEPTACLE HOUSING, 9P

English

CAD Files

Customer View Model

ENG_CVM_CVM_1735447-9_F.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1735447-9_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1735447-9_F.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