



HPI

TE Internal #: 1-1735447-1

Housing, Receptacle, Wire-to-Board, 11 Position, 2 mm [.079 in]

Centerline, 1 Row, Natural, Mating Retention, Wire & Cable, Power & Signal, HPI

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Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings > AMP HPI 2.0 mm Receptacle Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Board**

Number of Positions: **11**

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 | 11 |
| 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 |



|                                                                 |                            |
|-----------------------------------------------------------------|----------------------------|
| 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                                                | 22.8 mm[.898 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                                     | Not Yet Reviewed           |
|                                                                 |                            |



|                                               |                                                                                                                                |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 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)<br>Candidate List Declared Against: JAN 2022 (223)<br>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 # 1-1735446-1  
2MM PITCH HPI POST HEADER,  
VERTICAL, 11P

Also in the Series | HPI

Connector Contacts(1)

PCB Headers & Receptacles(332)

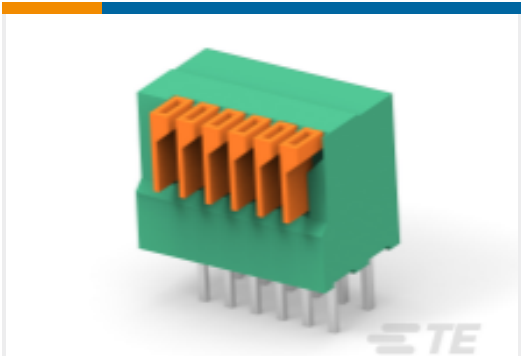
Wire-to-Board Connector Assemblies  
& Housings(134)

Customers Also Bought





TE Part #1735801-1  
[2.0mm,Crimp,Contact](#)



TE Part #1-2834015-6  
[6POS 2.54MM TES CONN.](#)



TE Part #2-2176326-5  
[CRGP 0603 1K0 1%](#)

Documents

Product Drawings

[HPI 2.0 RECEPTACLE HOUSING, 11P](#)

English

CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1735447-1\\_F.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1735447-1\\_F.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1735447-1\\_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