



HPI

TE Internal #: 440129-7

Housing, Receptacle, Crimp, Wire-to-Board, UL 94V-0, 7 Position, 2 mm [.079 in] Centerline, 1 Row, HPI, Rectangular Wire & Cable

Connectors & Housings

[View on TE.com >](#)

Connectors > Rectangular Connectors > Standard Rectangular Connectors > AMP HPI 2.0 mm Receptacle Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Mating Retention: **With**

Mating Retention Type: **Detent**

Termination Method to Wire & Cable: **Crimp**

[All AMP HPI 2.0 mm Receptacle Housings \(59\)](#)

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 | 7 |
| Number of Rows      | 1 |

Electrical Characteristics

|                       |         |
|-----------------------|---------|
| Insulation Resistance | 1000 MΩ |
| Operating Voltage     | 250 VAC |

Body Features



|                       |         |
|-----------------------|---------|
| Primary Product Color | Natural |
|-----------------------|---------|

Contact Features

|                              |              |
|------------------------------|--------------|
| Contact Base Material        | Copper Alloy |
| Contact Type                 | Socket       |
| Contact Current Rating (Max) | 3 A          |

Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

|                         |                            |
|-------------------------|----------------------------|
| Strain Relief           | Without                    |
| Panel Mount Feature     | Without                    |
| Mating Retention        | With                       |
| Mating Retention Type   | Detent                     |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

Housing Features

|                    |               |
|--------------------|---------------|
| Housing Material   | Thermoplastic |
| Centerline (Pitch) | 2 mm[.079 in] |

Dimensions

|                                      |                             |
|--------------------------------------|-----------------------------|
| Connector Width                      | 6.9 mm[.272 in]             |
| Compatible Insulation Diameter Range | .9 – 1.5 mm[.035 – .059 in] |
| Connector Height                     | 4.5 mm[.177 in]             |
| Wire Size                            | 30 – 24 AWG                 |
| Connector Length                     | 15.8 mm[.622 in]            |

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 Method | Bag/Carton |
|------------------|------------|



Packaging Quantity

1000

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                   | Out of Scope                                                                                                                  |
| 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)<br>Candidate List Declared Against: JAN 2025 (247)<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 # 9-440054-7  
2.0MM,HDR,7POS,VERTICAL



TE Part # 7-440054-1  
2.0mm HDR 7pos Vertical Yellow



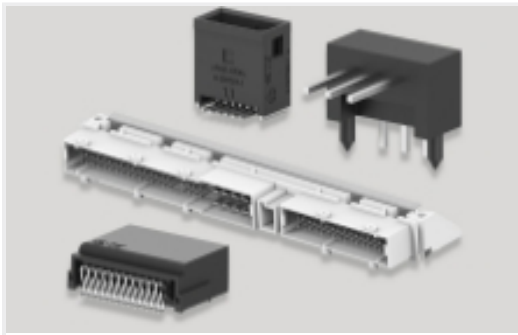
TE Part # CAT-H857-H34220  
AMP HPI 2.0 mm Headers

Also in the Series | **HPI**





Connector Contacts(1)



PCB Headers & Receptacles(332)



Rectangular Connector Housings(86)



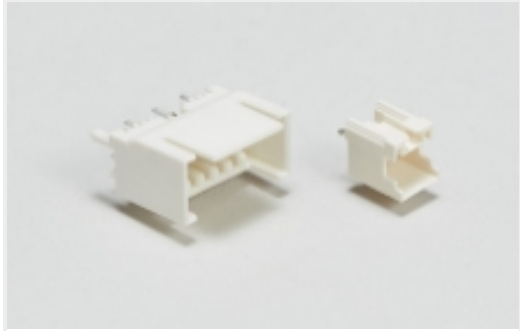
Rectangular Power Connectors(310)



Standard Rectangular Connectors(86)



Wire-to-Board Connector Assemblies & Housings(48)

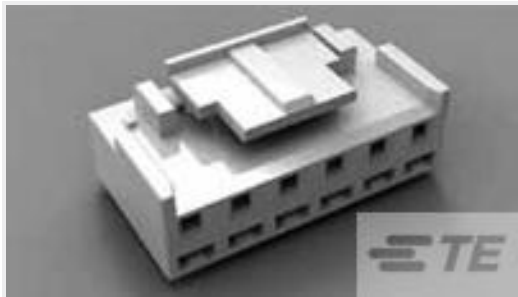


Wire-to-Board Headers & Receptacles (332)

Customers Also Bought



TE Part #1586844-1  
09P UMNL PLUG HSG NATL, GW



TE Part #7-1123722-6  
3.96 EP PLUG HSG 6P(NATURAL)



TE Part #1-745491-9  
RCPT ASSY,9P,HDE,MS



TE Part #172128-1  
FF 250 REC HSG 1P NYLON NAT



TE Part #350874-3  
UMNL SOK 18-14 .0125 PTPPHBZ



TE Part #CAT-H857-H817220  
AMP HPI 2.0 mm Receptacle Housings



TE Part #1742086-1  
187 FASTON,FLAG,REC.,18-22 AWG, BR



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



TE Part #926984-2  
STD TIMER CONTACT

Documents



Product Drawings

2.0MM,HSG,7POS

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_440129-7\_C2.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_440129-7\_C2.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_CVM\_440129-7\_C2.3d\_igs.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

UL Report

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