



HPI

TE Internal #: 1-1735447-0

Housing, Receptacle, Wire-to-Board, 10 Position, 2 mm [.079 in]

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

[View on TE.com >](#)

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: **10**

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

[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	10
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VDC
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Body Features

Primary Product Color	Natural
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Contact Features

Contact Layout	Inline
Contact Base Material	Copper Alloy
Contact Type	Socket



Contact Current Rating (Max)	3 A
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Mechanical Attachment

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

Housing Features

Housing Material	Thermoplastic
Housing Entry Configuration	Both Ends Closed
Centerline (Pitch)	2 mm [.079 in]

Dimensions

Connector Width	9.4 mm [.37 in]
Connector Height	6.55 mm [.258 in]
Wire Size	30 – 24 AWG
Connector Length	20.8 mm [.819 in]

Usage Conditions

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

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Bag
Packaging Quantity	600

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: JAN 2025 (247) Candidate List Declared Against: JUN 2016 (169) 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

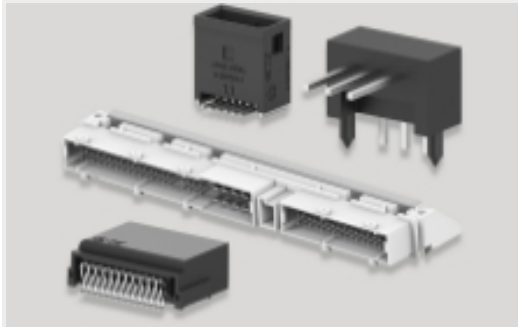


TE Part # 1-1735446-0  
2MM PITCH HPI POST HEADER,  
VERTICAL, 10P

Also in the Series | HPI



Connector Contacts(1)



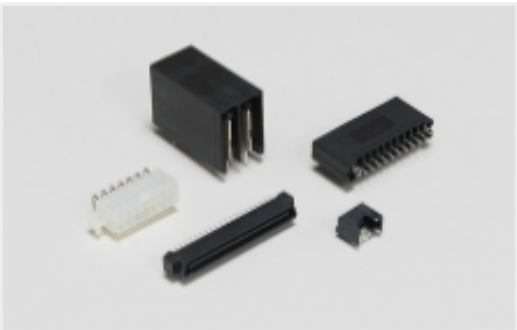
PCB Headers & Receptacles(332)



Rectangular Connector Housings(51)



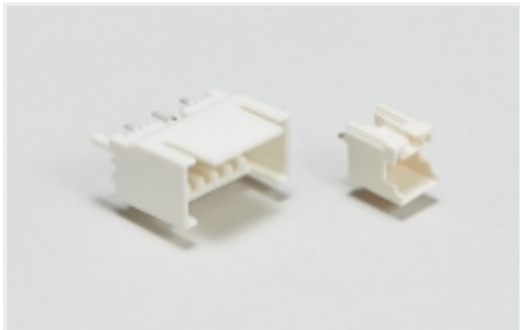
Rectangular Power Connectors(275)



Standard Rectangular Connectors(51)

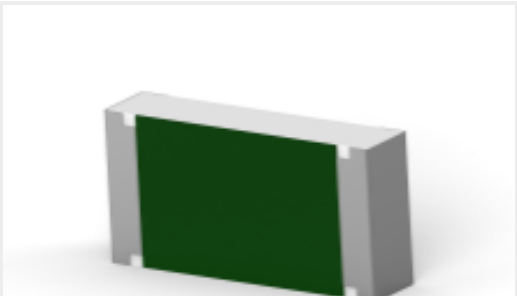


Wire-to-Board Connector Assemblies & Housings(83)



Wire-to-Board Headers & Receptacles (332)

Customers Also Bought



TE Part #2176398-9  
3502 30K 1%



TE Part #5677902003  
RNF-3000-1.5/0.5-X-STK



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



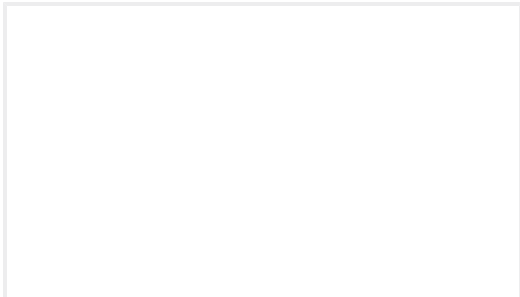
TE Part #440129-3  
2.0MM,HSG,3POS



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



TE Part #839481-E  
IDCCS SRC 1,27 10 \* AFD NXX 150  
PVC



TE Part #4-1775470-2  
HPI CONN., 2.0MM, V/T, SMT, 2P,  
80U"

Documents

Product Drawings

HPI 2.0 RECEPTACLE HOUSING, 10P

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_1-1735447-0\_F.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-1735447-0\_F.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-1735447-0\_F.3d\_stp.zip

English

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



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Datasheets & Catalog Pages

HPI Connectors QRG

English

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Product Specifications

Application Specification

English