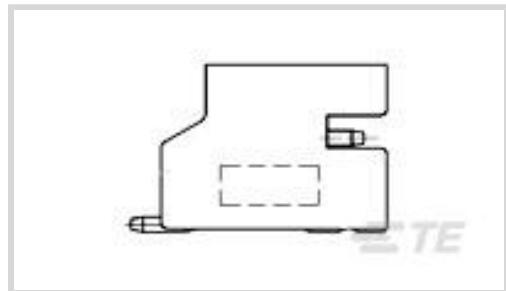


Connectors > PCB Connectors > PCB Headers & Receptacles > AMP HPI 2.0 mm Headers



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

Number of Positions: **14**

Number of Rows: **1**

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

PCB Mount Orientation: **Right Angle**

[All AMP HPI 2.0 mm Headers \(206\)](#)

Features

Product Type Features

Connector System	Wire-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
PCB Connector Assembly Type	PCB Mount Header

Configuration Features

Number of Positions	14
Number of Rows	1
PCB Mount Orientation	Right Angle

Electrical Characteristics

Operating Voltage	250 VAC
-------------------	---------

Body Features

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

Contact Features

Contact Mating Area Length	3.53 mm [.139 in]
Mating Square Post Dimension	.5 mm [.02 in]

PCB Contact Termination Area Plating Material Thickness	2 μm [80 μin]
Contact Layout	Inline
PCB Contact Termination Area Plating Material Finish	Matte
Contact Shape & Form	Square
Contact Mating Area Plating Material Finish	Matte
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Nickel
Contact Base Material	Brass
Contact Mating Area Plating Material	Tin
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Square Termination Post & Tail Dimension	.5 mm[.02 in]
Termination Post & Tail Length	1 mm[.039 in]
Termination Method to Printed Circuit Board	Surface Mount

Mechanical Attachment

Mating Alignment Type	Polarization
Mating Retention	Without
PCB Mount Retention Type	Solder Peg
Connector Mounting Type	Board Mount
Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	With

Housing Features

Housing Material	PA 9T GF
Centerline (Pitch)	2 mm[.079 in]

Dimensions

Connector Length	31.4 mm[1.236 in]
Connector Height	5.5 mm[.217 in]
Connector Width	7.6 mm[.299 in]

Usage Conditions

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

Operation/Application

Circuit Application

Signal

Industry Standards

UL Flammability Rating

UL 94V-0

Packaging Features

Packaging Quantity

600

Packaging Type

Reel

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 2023
(235)Candidate List Declared Against: JAN 2021
(211)

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

Reflow solder capable to 260°C

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>

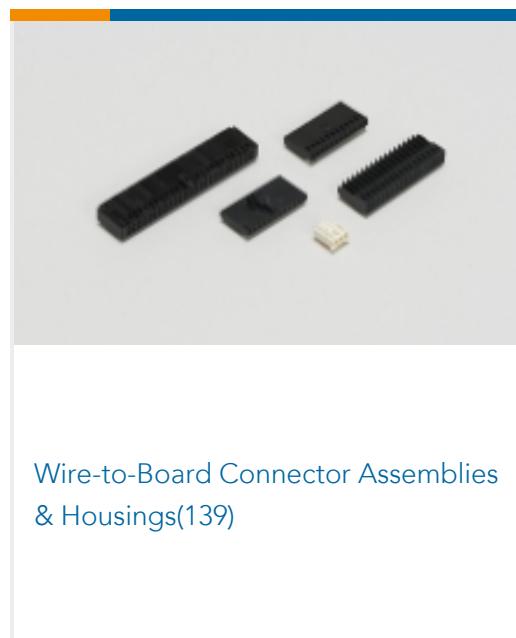
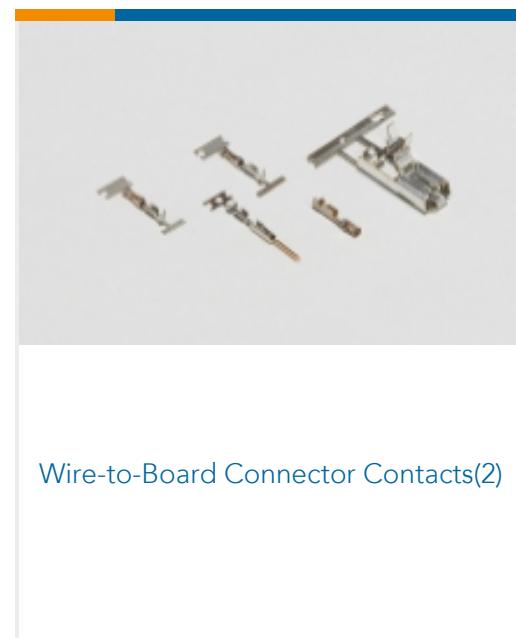
Compatible Parts

TE Part # 1-440129-4
2.0MM,HSG,14POS

Also in the Series | **HPI**

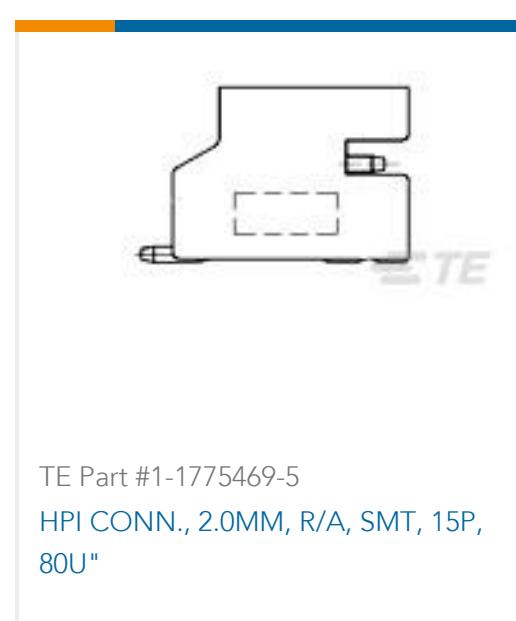


PCB Headers & Receptacles(362)

Wire-to-Board Connector Assemblies
& Housings(139)

Wire-to-Board Connector Contacts(2)

Customers Also Bought

TE Part #1-440129-4
2.0MM,HSG,14POSTE Part #2013798-1
INDUSTRIAL USB PLUG CONN KITTE Part #ZPF000000000110281
732-8255-22TE Part #3-643819-5
05P MTA156 CONN ASSY 22AWG REDTE Part #1-1393225-7
RY611005TE Part #3-1625892-5
3W SM M/OX 5% 27KTE Part #1-1775469-5
HPI CONN., 2.0MM, R/A, SMT, 15P,
80U"TE Part #160773-6
PL LOOSE PIECE REC 0.5-1.5 MM2
PTPBRTE Part #1546306-8
.374" DR BARRIER STRIPTE Part #206799-2
RECEPT ASSY,15 POSN,AMPLIMITE

Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_1-1775469-4_A.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-1775469-4_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1775469-4_A.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