



Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings >

AMP HPI 1.0 mm Receptacle Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **15**

Centerline (Pitch): **1 mm [.039 in]**

[All AMP HPI 1.0 mm Receptacle Housings \(0\)](#)

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	15
Number of Rows	1

Electrical Characteristics

Operating Voltage	50 VDC
-------------------	--------

Body Features

Primary Product Color	White
-----------------------	-------



Contact Features

Contact Layout	Inline
Contact Type	Socket
Contact Current Rating (Max)	1 A

Termination Features

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

Mechanical Attachment

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

Housing Features

Housing Material	Thermoplastic
Housing Entry Configuration	Both Ends Closed
Centerline (Pitch)	1 mm[.039 in]

Dimensions

Connector Width	5 mm[.197 in]
Connector Height	2.8 mm[.11 in]
Wire Size	32 – 28 AWG
Connector Length	18 mm[.709 in]

Operation/Application

Circuit Application	Power & Signal
---------------------	----------------

Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

Packaging Features

Packaging Method	Bag
Packaging Quantity	16000

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: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) 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 # CAT-H857-H34210
AMP HPI 1.0 mm Headers

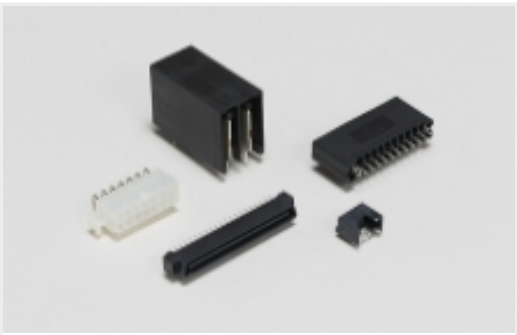
Also in the Series | HPI

Connector Contacts(1)

PCB Headers & Receptacles(332)

Rectangular Connector Housings(51)

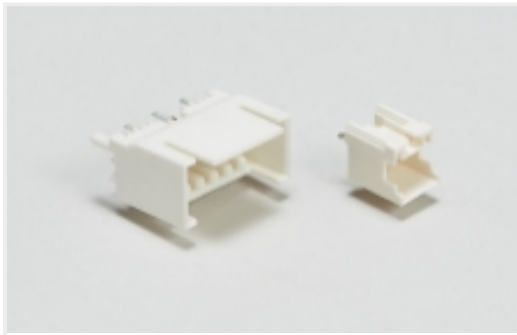
Rectangular Power Connectors(275)



Standard Rectangular Connectors(51)



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



Wire-to-Board Headers & Receptacles (332)

Customers Also Bought



TE Part #4515DO-DS3BK004DP
4IN PCB MOUNT I2C DIFF PRESSURE
SENSOR



TE Part #1-1879135-9
RN 0603 162K 0.1% 10PPM 1K RL



TE Part #YDTS24W11-35PNV001
RECP ASSY



TE Part #1658624-4
20 NOVO DUAL 30DP, LEAD FREE



TE Part #1-1879075-5
THS25 2R0 5%



TE Part #1-1879222-2
CPF 0603 24R9 0.1% 25PPM 1K RL



TE Part #1622778-1
LR2 1% 750K



TE Part #5-1879207-1
RN 0603 511K 0.1% 10PPM 1K RL



TE Part #627133-000
202D921-25/225-0



TE Part #1734595-2
1.0 WTB SR VT HDR 2 POS

Documents

Product Drawings

1.0MM W T B RECPT,15POSHOUSING

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1470364-5_R_c-1-1470364-5-r.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1-1470364-5_R_c-1-1470364-5-r.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1470364-5_R_c-1-1470364-5-r.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