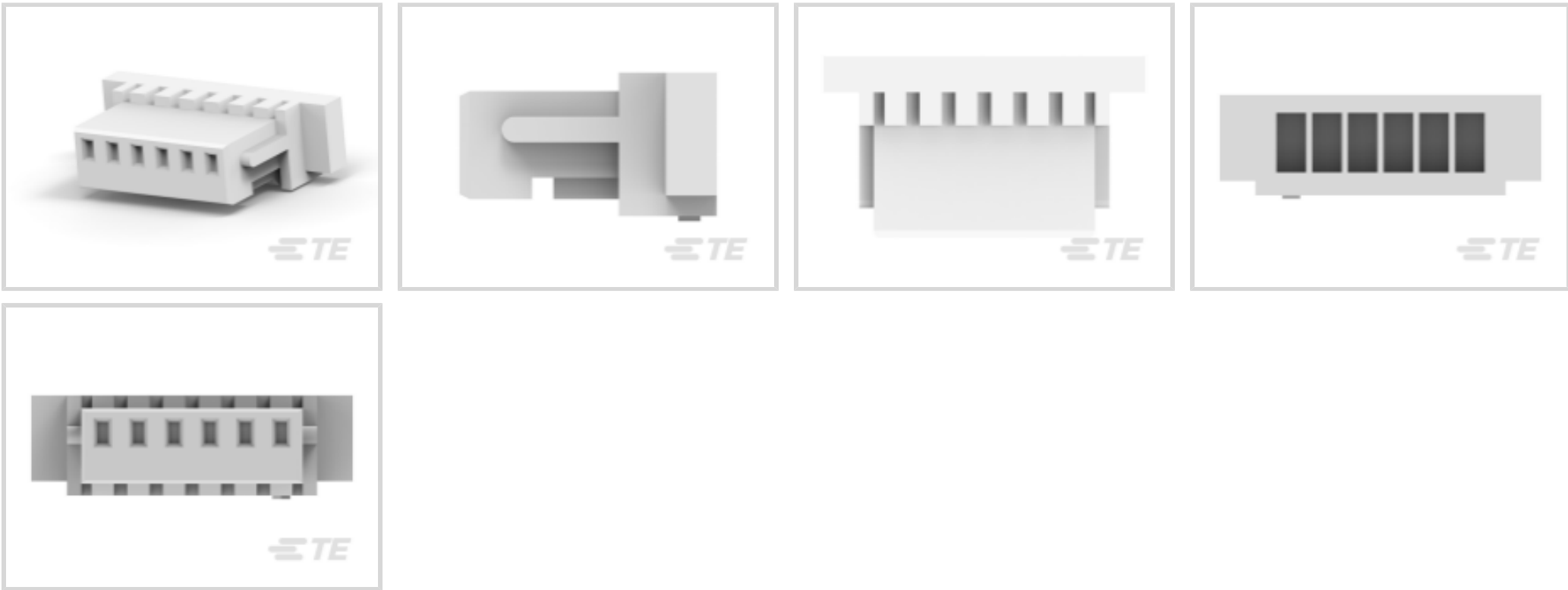




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings > AMP HPI 1.0 mm Receptacle Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **6**

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

[All AMP HPI 1.0 mm Receptacle Housings \(1\)](#)

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	6
Number of Rows	1

Housing Features

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

Termination Features



Termination Method to Wire & Cable	Crimp
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Body Features

Primary Product Color	White
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Mechanical Attachment

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

Contact Features

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

Operation/Application

Circuit Application	Power & Signal
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Electrical Characteristics

Operating Voltage	50 VDC
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Dimensions

Connector Width	5 mm[.197 in]
Connector Height	2.8 mm[.11 in]
Wire Size	32 – 28 AWG
Connector Length	9 mm[.354 in]

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Bag
Packaging Quantity	32000



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 2024 (241) 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



Customers Also Bought





TE Part #172211-4  
EIS CAP HSG FREE HANG 4P  
NATUTURAL



TE Part #171826-4  
POST HEADER ASSY HORIZONTAL EI



TE Part #172211-6  
EIS CAP HSG FREE HANG 6P  
NATUTURAL



TE Part #292303-4  
Std USB Type A, R/A, T/H



TE Part #1969590-4  
HSG, REC, PANEL MOUNT, SINGLE  
ROW,EP2.5



TE Part #1880984007  
RAYRIM-NR7-0-SP



TE Part #1932869-1  
FBIS-II REC ASSY 6 POS, 0.5um Gold



TE Part #NB31682001  
CRN-1/16-0-STK



TE Part #1470364-5  
AMP HPI 1.0 mm Receptacle Housings

Documents

Product Drawings  
1.0MM W T B RECPT,6POS HOUSING  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_1470364-6\_R\_c-1470364-6-r.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_1470364-6\_R\_c-1470364-6-r.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_1470364-6\_R\_c-1470364-6-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