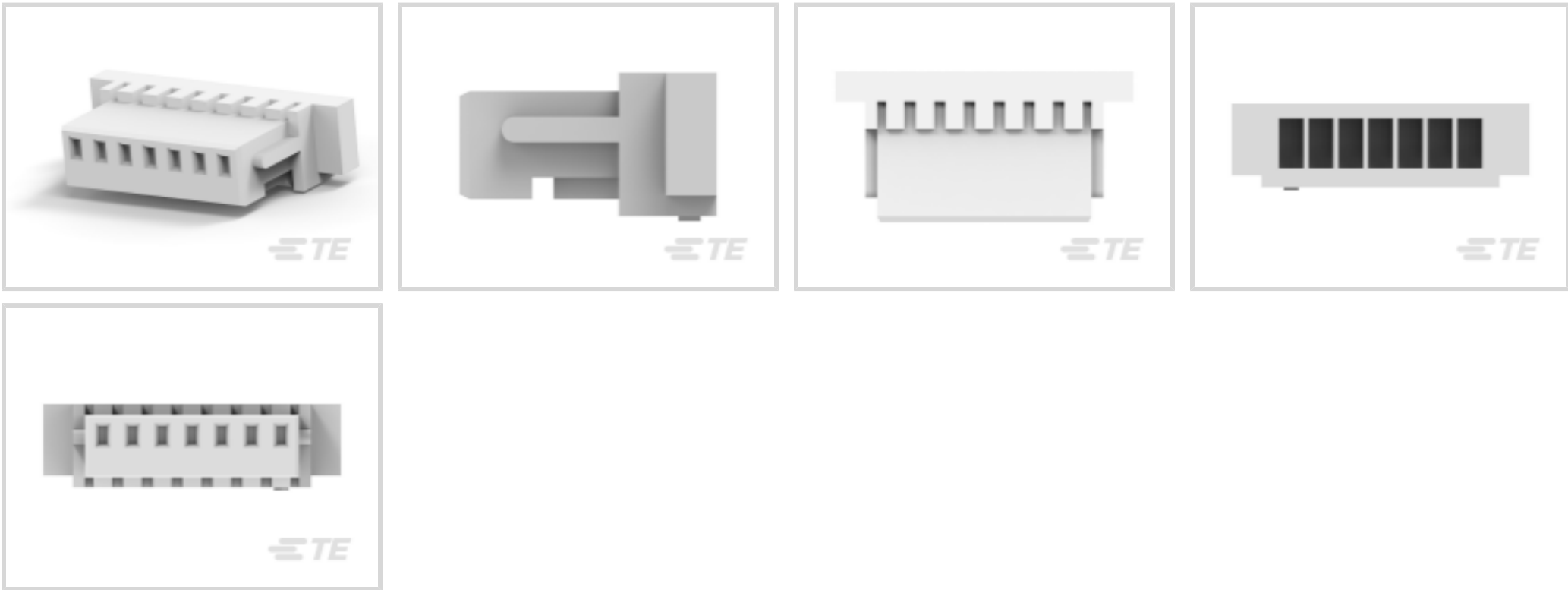




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings > AMP HPI 1.0 mm Receptacle Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **7**

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	7
Number of Rows	1

Electrical Characteristics

Operating Voltage	50 VAC
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Body Features

Primary Product Color	White
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Contact Features



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

Termination Features

Termination Method to Wire & Cable	Crimp
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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 Entry Configuration	Both Ends Closed
Housing Material	Thermoplastic
Centerline (Pitch)	1 mm[.039 in]

Dimensions

Connector Length	10 mm[.393 in]
Connector Height	2.8 mm[.11 in]
Connector Width	5 mm[.197 in]
Wire Size	32 – 28 AWG

Usage Conditions

Operating Temperature Range	55 – 105 °C[131 – 221 °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 Quantity	24000
Packaging Method	Bag

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: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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

Customers Also Bought

TE Part #440133-4  
2.5MM,HSG,4POS

TE Part #1-1623782-8  
SQM5 18K 5% (METAL FILM)

TE Part #5-1676481-1  
CPF 0603 680R 0.1% 25PPM 1K RL

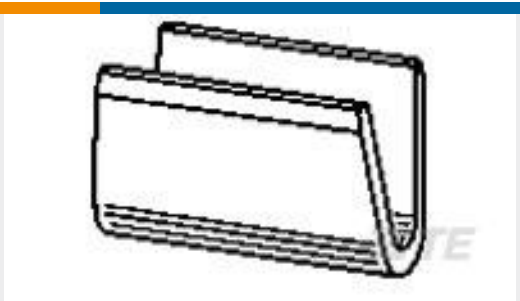
TE Part #1-776275-1  
8POS,PIN DIA 1.3,HDR ASSY,180DEG, COD 1



TE Part #1470364-6  
1.0MM W T B RECPT,6POS HOUSING



TE Part #1734597-1  
1.0 WTB Terminal, Receptacle



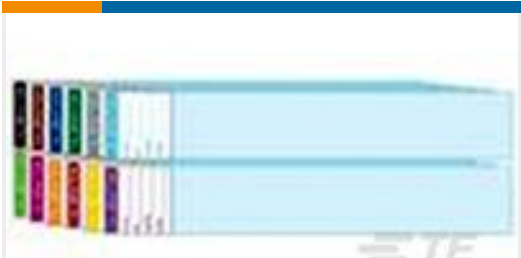
TE Part #140723-2  
SPLICE 22-16 AWG .02 TPBR



TE Part #1879501-3  
CRGH2512 5% 1R2 2W



TE Part #1878681-7  
QUP3GR



TE Part #1878680-1  
QUP12GR

Documents

Product Drawings

1.0MM W T B RECPT,7POS HOUSING

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1470364-7\_R\_c-1470364-7-r.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1470364-7\_R\_c-1470364-7-r.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1470364-7\_R\_c-1470364-7-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