



HPI

TE Internal #: 1-1470107-2

Housing, Receptacle, Crimp, Wire-to-Wire, UL 94V-0, 12 Position, 2 mm [.079 in] Centerline, 2 Row, HPI, Rectangular Wire & Cable Connectors & Housings

[View on TE.com >](#)

Connectors > Rectangular Connectors > Standard Rectangular Connectors > AMP HPI 2.0 mm Receptacle Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Mating Retention: **With**

Mating Retention Type: **Latch**

Termination Method to Wire & Cable: **Crimp**

[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-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	12
Number of Rows	2

Electrical Characteristics

Operating Voltage	100 VDC
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Body Features

Primary Product Color	White
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Contact Features

Contact Base Material	Copper Alloy
Contact Type	Socket
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

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

Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	2 mm[.079 in]

Dimensions

Connector Width	7.4 mm[.291 in]
Row-to-Row Spacing	2 mm[.079 in]
Connector Height	5.1 mm[.2 in]
Wire Size	28 – 22 AWG
Connector Length	14 mm[.551 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	1000

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	Out of Scope
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: JAN 2025 (247) 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 lead free process capable

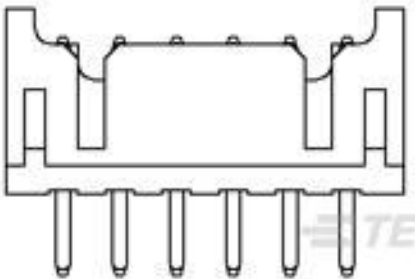
Product Compliance Disclaimer

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



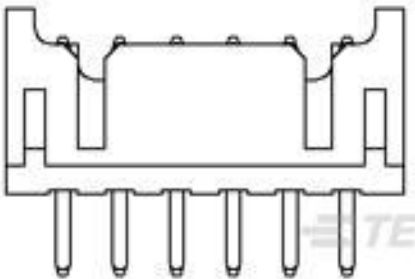
TE Part # 1-1470108-2
2.0MM PITCH HEADER,DIP 12P



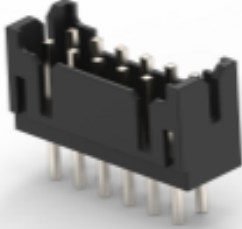
TE Part # 1-1470109-2
2.0mm Pitch Header,Dip 12p



TE Part # 1470106-1
2.0mm Pitch Crimp Contact



TE Part # 5-1470109-2
12P,2.0MM HER.DIP.PIN 12 OMITTED



TE Part # 1-2823646-2
12P AMPMODU 2MM ,DR, VT, SHRD HDR,DIP



Also in the Series

HPI

Connector Contacts(1)

PCB Headers & Receptacles(332)

Rectangular Connector Housings(86)

Rectangular Power Connectors(310)

Standard Rectangular Connectors(86)

Wire-to-Board Connector Assemblies & Housings(48)

Wire-to-Board Headers & Receptacles (332)

Customers Also Bought

TE Part #2351449-6
UMINSA SW RLEV0.88N 3A/1.5A AC
NO PCB

TE Part #6609021-6
3VB3=F7125 S0

TE Part #6-440129-2
HPI 2.0MM,HSG,2POS,BLACK

TE Part #208283-4
CPC RECPT ASSEMBLY SIZE 11-4

TE Part #EM7503-000
X4-2.5-0-SP-SM

TE Part #1-1470108-2
2.0MM PITCH HEADER,DIP 12P

TE Part #1-1470109-4
2.0mm Pitch Header,Dip 14p

TE Part #1-1470109-0
2.0mm Pitch Header,Dip 10p

TE Part #CAT-R21-731072
Bulbous Heat Shrink Boots: Lipped,
Straight



Documents

Product Drawings

2.0MM PITCH CRIMP HOUSING 12P

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-1470107-2_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1470107-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1470107-2_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

AMP 2.0mm PITCH EMIX Economic Metric Interconnect Series, Wire-To-Board System.

English

Application Specification

English