



HPI

TE Internal #: 1775441-2

Housing, Receptacle, Crimp, Wire-to-Wire, UL 94V-0, 2 Position, 1.5 mm [.059 in] Centerline, HPI, Rectangular Wire & Cable Connectors & Housings

[View on TE.com >](#)

Connectors > Rectangular Connectors > Standard Rectangular Connectors > AMP HPI 1.5 mm Receptacle Housings



Connector Product Type: **Housing**

Mating Retention Type: **Lock**

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

UL Flammability Rating: **UL 94V-0**

Number of Positions: **2**

[All AMP HPI 1.5 mm Receptacle Housings \(14\)](#)

Features

Product Type Features

Connector Product Type	Housing
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Contact Type	Socket
Contact Current Rating (Max)	3 A



Mechanical Attachment

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

Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	1.5 mm[.059 in]

Dimensions

Connector Width	6.15 mm[.248 in]
Connector Height	2.7 mm[.106 in]
Wire Size	30 – 24 AWG
Connector Length	4.1 mm[.161 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 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 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 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 # 1775442-1  
EMIX CONN., 1.5mm PITCH, TERMI

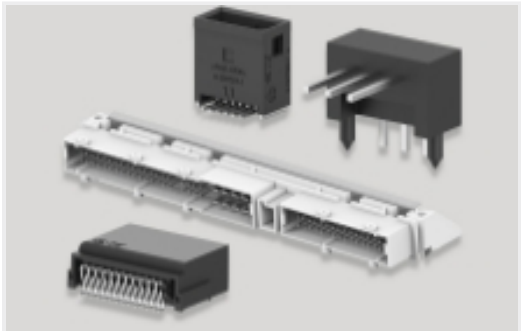


TE Part # CAT-H857-H34215  
AMP HPI 1.5 mm Headers


Also in the Series | HPI




Connector Contacts(1)



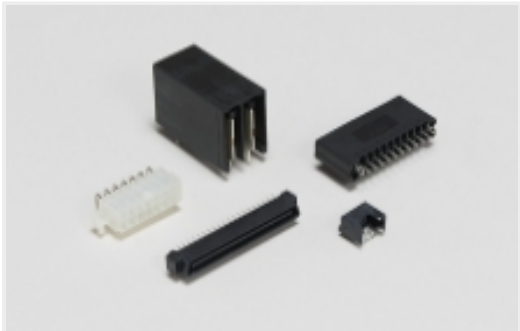
PCB Headers & Receptacles(332)




Rectangular Connector Housings(51)



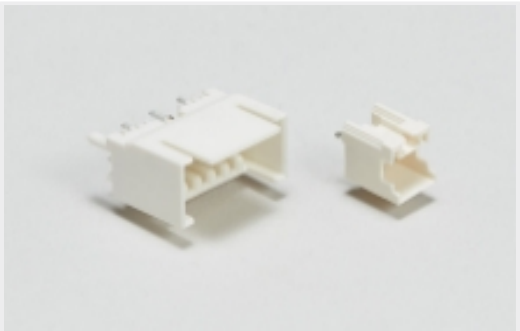
Rectangular Power Connectors(275)



Standard Rectangular Connectors(51)




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




Wire-to-Board Headers & Receptacles (332)




Customers Also Bought



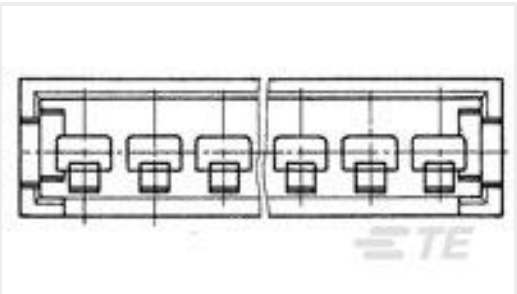
TE Part #320562  
SPLICE BUTT PIDG 16-14




TE Part #641775-2  
04P UMNL STR/REL NATL




TE Part #1775443-2  
EMIX CONN., 1.5MM PITCH, HDR, V /T, 2P




TE Part #280633  
AMPMODU II COSI PIN HSG, SGL ROW, 10 POS




TE Part #1-640722-0  
09P UMNL STR/REL & INSRT NATL




TE Part #163300-8  
MATENLOK SOCKET




TE Part #1825609-1  
B1048004=Boot,Toggle



TE Part #3-794638-4  
04P MICRO MNL ASSY,VRT,SMT,LF



TE Part #61314-1  
CMNL SOK 24-18 TPBR



TE Part #2351461-6  
MINSA SW HLV 0.30N 0.5A AC NO Lg-R-Bnd

Documents

Product Drawings  
EMIX CONN., 1.5MM PITCH, RCPT, HSG, 2P  
English

CAD Files  
Customer View Model  
ENG\_CVM\_CVM\_1775441-2\_B.2d\_dxf.zip

English

3D PDF

3D

Customer View Model  
ENG\_CVM\_CVM\_1775441-2\_B.3d\_igs.zip

English

Customer View Model  
ENG\_CVM\_CVM\_1775441-2\_B.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