



HPI

TE Internal #: 1775441-9

Housing, Receptacle, Wire-to-Wire, 9 Position, 1.5 mm [.059 in]

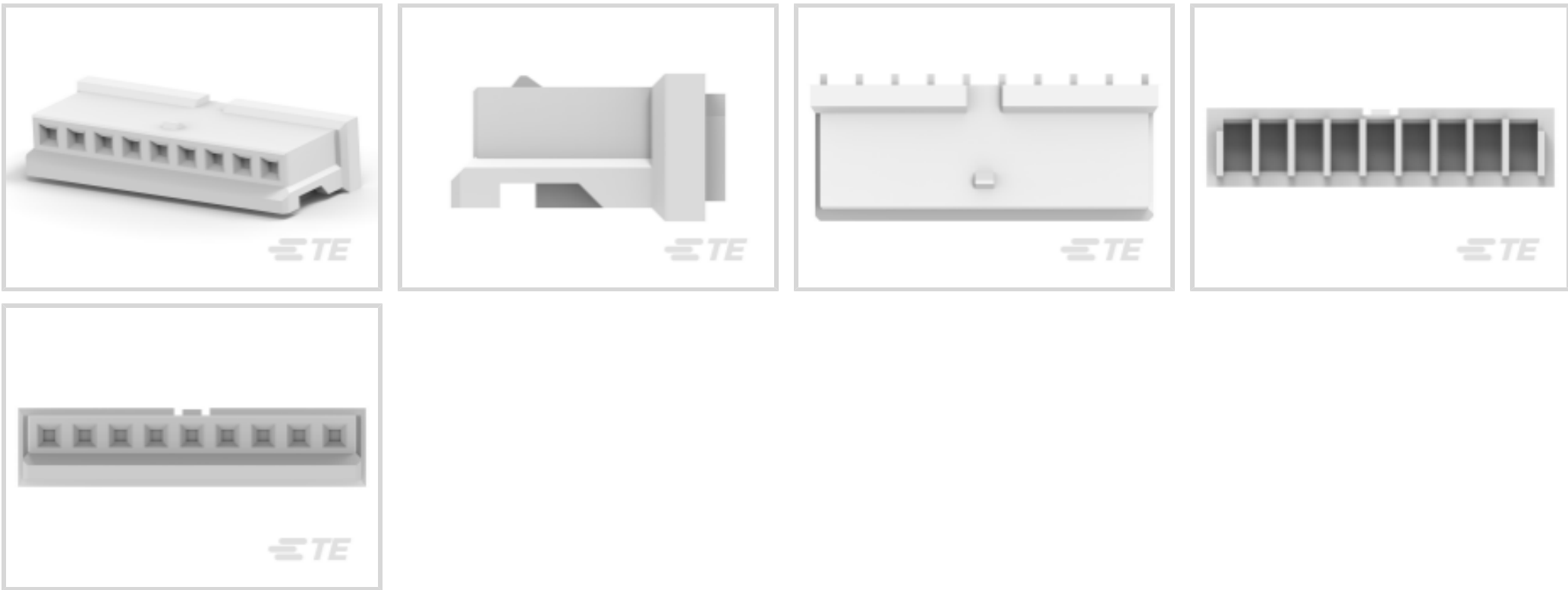
Centerline, Crimp, 1 Row, Natural, Mating Retention, Wire & Cable,

Power & Signal, HPI

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

AMP HPI 1.5 mm Receptacle Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **9**

Centerline (Pitch): **1.5 mm [.059 in]**

[All AMP HPI 1.5 mm Receptacle Housings \(15\)](#)

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 | 9 |
| Number of Rows      | 1 |

Housing Features

|                             |                  |
|-----------------------------|------------------|
| Centerline (Pitch)          | 1.5 mm[.059 in]  |
| Housing Material            | Thermoplastic    |
| Housing Entry Configuration | Both Ends Closed |



Termination Features

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

Body Features

|                       |         |
|-----------------------|---------|
| Primary Product Color | Natural |
|-----------------------|---------|

Mechanical Attachment

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

Contact Features

|                              |        |
|------------------------------|--------|
| Contact Current Rating (Max) | 3 A    |
| Contact Layout               | Inline |
| Contact Type                 | Socket |

Operation/Application

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

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |
|-----------------------------|----------------------------|

Other

|                    |           |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance  | Compliant |

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 250 VAC |
|-------------------|---------|

Dimensions

|                  |                  |
|------------------|------------------|
| Connector Width  | 6.15 mm[.255 in] |
| Connector Height | 2.7 mm[.106 in]  |
| Wire Size        | 30 – 24 AWG      |
| Connector Length | 14.6 mm[.575 in] |

Industry Standards

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



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                   | 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)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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-H34215  
AMP HPI 1.5 mm Headers

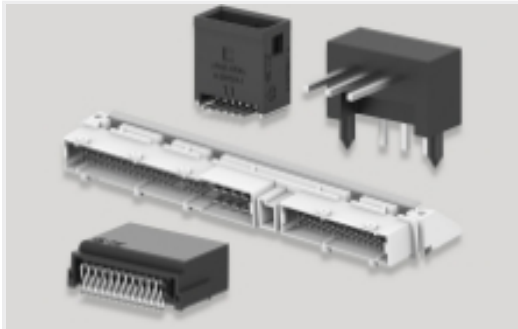


TE Part # 1775442-1  
EMIX CONN., 1.5mm PITCH, TERMINAL

Also in the Series | HPI



Connector Contacts(1)



PCB Headers & Receptacles(332)

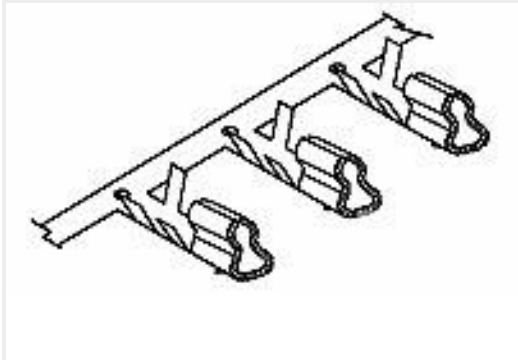


Wire-to-Board Connector Assemblies & Housings(134)

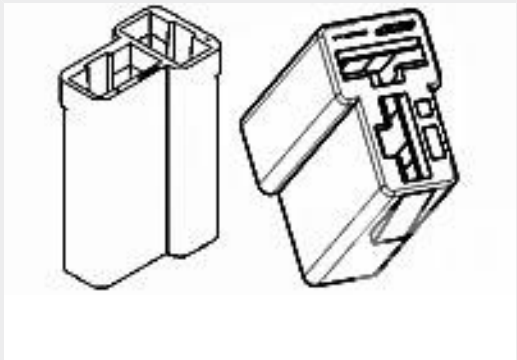
Customers Also Bought



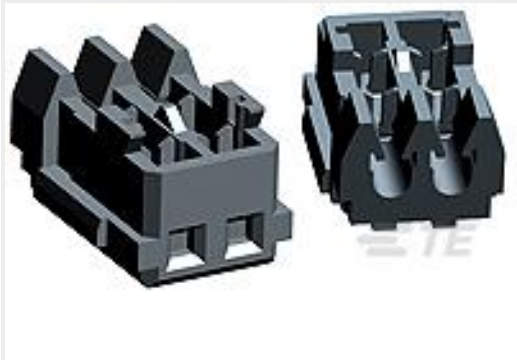
TE Part #1775441-3  
AMP HPI 1.5 mm Receptacle Housings



TE Part #1775442-1  
EMIX CONN., 1.5mm PITCH, TERMI



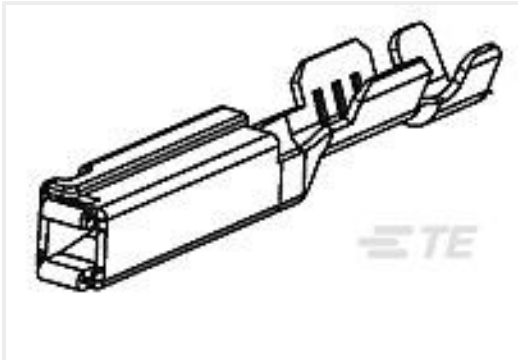
TE Part #180907  
FF 250 REC HSG 2P NYLON NAT



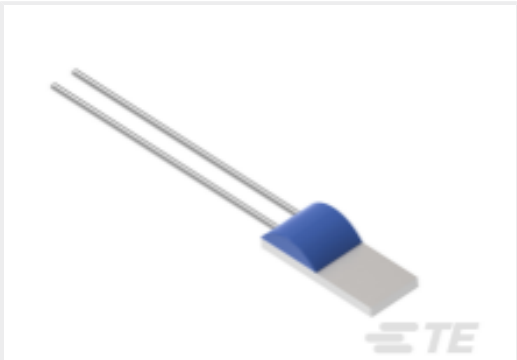
TE Part #353293-9  
MINI CT MT REC ASSY 9P GRAY



TE Part #1456983-1  
1X4 FEM UNSEALED LOW PROFILE, KEY A



TE Part #1393366-1  
V23540X7000Y 21=GET-FEM TERM S



TE Part #NB-PTCO-169  
Pt1000, 2.0x5.0, Class C, PTFD102C1A0



TE Part #9541-100C-D-C-3-S  
PRESSURE I2C 1.5 PSID SO16

Documents

Product Drawings

EMIX CONN., 1.5MM PITCH, RCPT, HSG, 9P

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_1775441-9\_B.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1775441-9\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1775441-9\_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