

Connectors &gt; PCB Connectors &gt; Wire-to-Board Connectors &gt; Wire-to-Board Connector Assemblies &amp; Housings &gt;

AMP HPI 1.5 mm Receptacle Housings

Connector Product Type: **Housing**Connector & Housing Type: **Receptacle**Connector System: **Wire-to-Wire**Number of Positions: **10**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	10
Number of Rows	1

### Electrical Characteristics

Operating Voltage	250 VAC
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### Body Features

Primary Product Color

Natural

**Contact Features**

Contact Layout

Inline

Contact Type

Socket

Contact Current Rating (Max)

3 A

**Termination Features**

Termination Method to Wire &amp; Cable

Crimp

**Mechanical Attachment**

Strain Relief

Without

Panel Mount Feature

Without

PCB Mount Retention

Without

Mating Retention Type

Lock

Mating Retention

With

Connector Mounting Type

Cable Mount (Free-Hanging)

**Housing Features**

Housing Entry Configuration

Both Ends Closed

Housing Material

Thermoplastic

Centerline (Pitch)

1.5 mm [.059 in]

**Dimensions**

Connector Length

16.1 mm [.633 in]

Connector Height

2.7 mm [.106 in]

Connector Width

6.15 mm [.242 in]

Wire Size

.05 – .02 mm<sup>2</sup>**Usage Conditions**

Operating Temperature Range

-55 – 105 °C [-67 – 221 °F]

**Operation/Application**

Circuit Application

Power &amp; Signal

**Industry Standards**

UL Flammability Rating

UL 94V-0

**Packaging Features**

Packaging Quantity

1000

Packaging Method

Bag

## Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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>

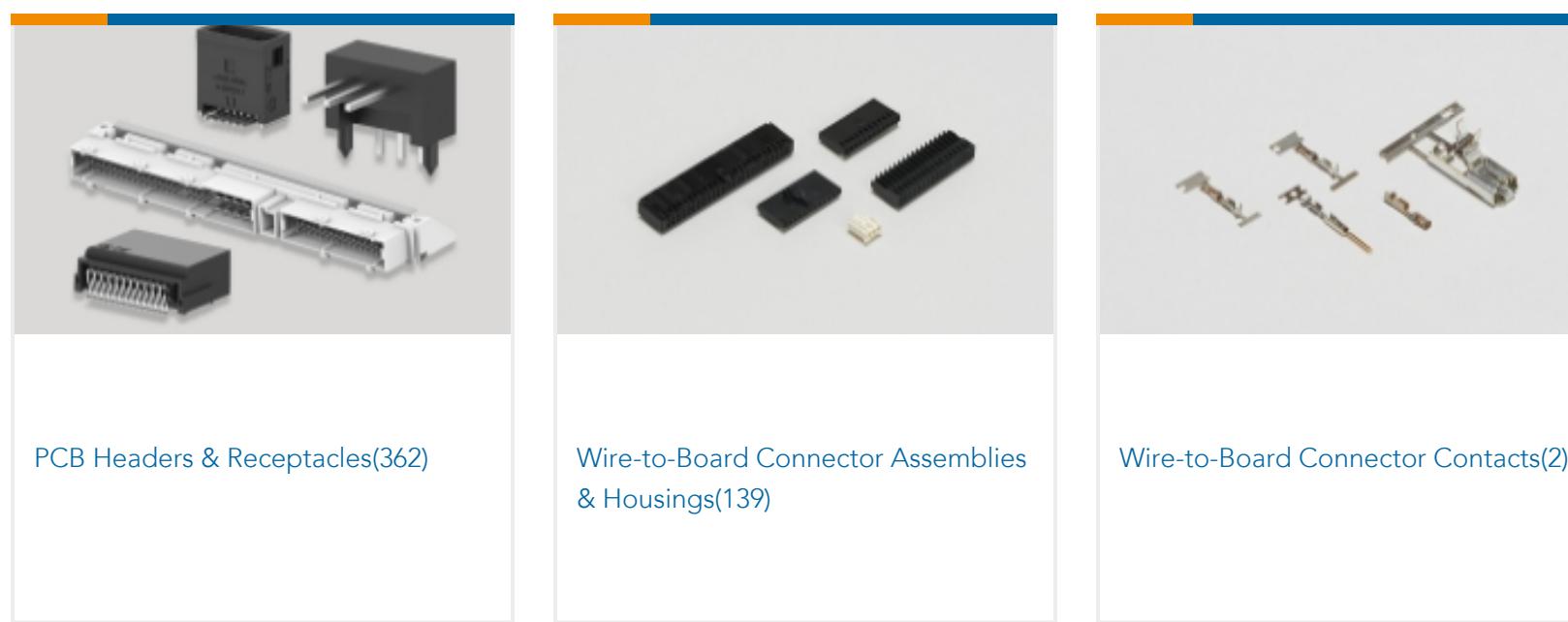
## Compatible Parts



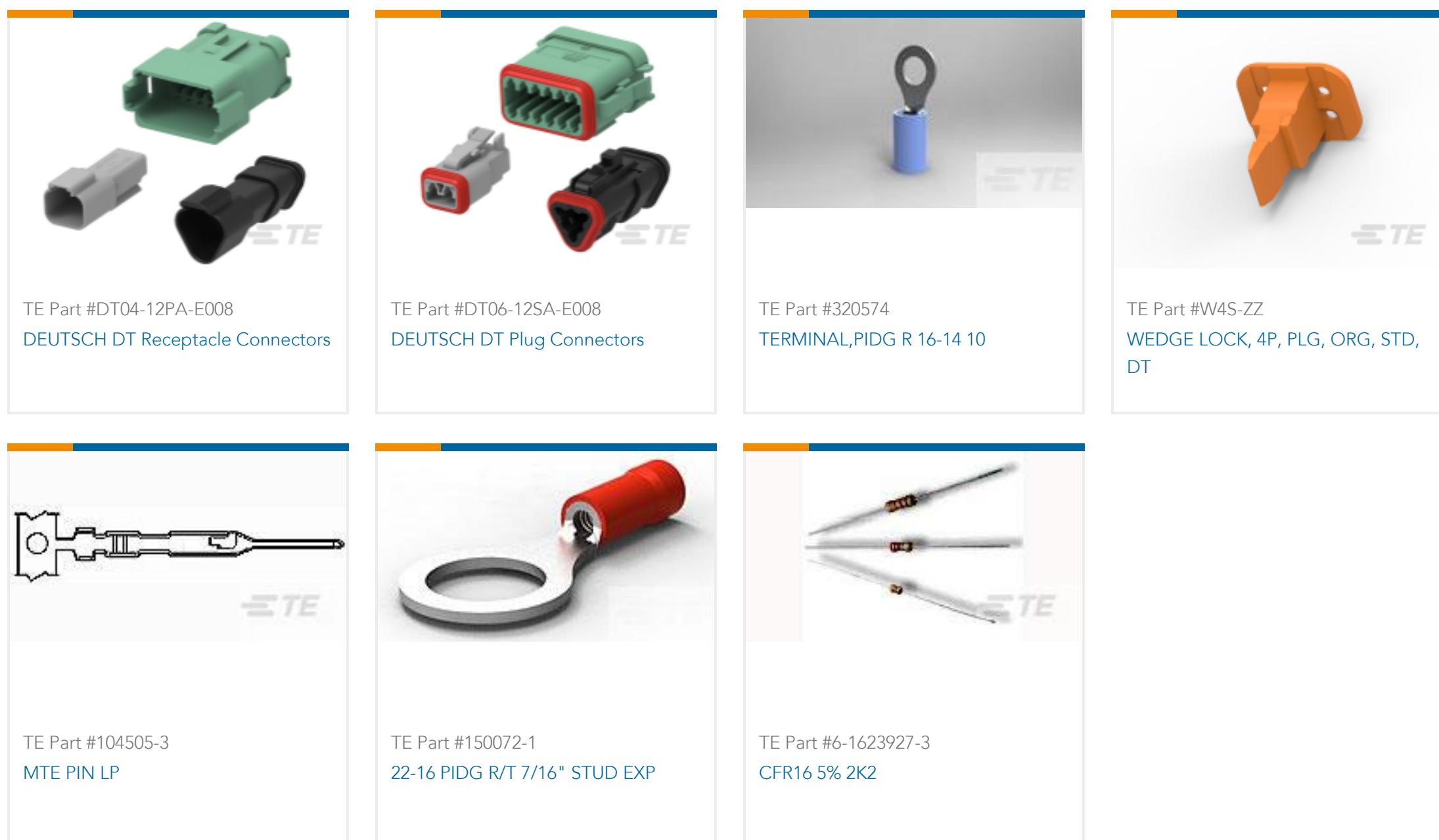
TE Part # 1775442-1  
EMIX CONN., 1.5mm PITCH, TERM1

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

## Also in the Series | [HPI](#)



## Customers Also Bought



## Documents

### Product Drawings

[EMIX CONN., 1.5MM PITCH, RCPT, HSG, 10P](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1775441-0\\_B.2d\\_dxf.zip](#)

English

### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1775441-0\\_B.3d\\_igs.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1775441-0\\_B.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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**Datasheets & Catalog Pages**

[HPI Connectors QRG](#)

English

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**Product Specifications**

[Application Specification](#)

English