

60986-1 ✓ ACTIVE

AMP-IN

TE Internal #: 60986-1

PCB Terminals, Receptacle, PCB Hole Diameter 5.2 mm [.161 in], 24 – 20 AWG Wire Size, .2 – .6 mm<sup>2</sup> Wire Size, Crimp, Pre-Tin Plating, Bag

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Terminals & Splices > PCB Terminals



PCB Terminal Type: **Receptacle**

PCB Hole Diameter: **5.2 mm [.161 in]**

Mating Pin Diameter: **1.47 mm [.058 in]**

Accepts Wire Insulation Diameter (Max): **2.29 mm [.09 in]**

Accepts Wire Insulation Diameter Range: **1.52 – 2.29 mm [.06 – .09 in]**

### Features

#### Product Type Features

PCB Terminal Mounting Style	Stud Mount
Wire Insulation Support Retention Type	Open Barrel

#### Configuration Features

Stud Hole	No
Terminal Angle	180 °

#### Contact Features

Contact Plating Material	Tin
PCB Terminal Type	Receptacle
Mating Pin Diameter	1.47 mm [.058 in]
Terminal Plating Material	Pre-Tin
Terminal Size	Miniature
Terminal Orientation	Straight

#### Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To	Wire & Cable
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### Mechanical Attachment

Wire Insulation Support	With
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### Dimensions

Receptacle Terminal Stock Thickness	.25 mm[.01 in]
PCB Hole Diameter	5.2 mm[.161 in]
Accepts Wire Insulation Diameter (Max)	2.29 mm[.09 in]
Accepts Wire Insulation Diameter Range	1.52 – 2.29 mm[.06 – .09 in]
Wire Size	.2 – .6 mm <sup>2</sup>

### Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

### Packaging Features

Packaging Quantity	1000
Packaging Method	Bag

### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

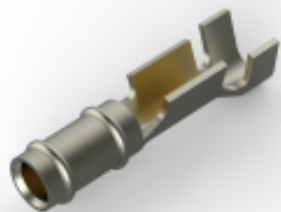
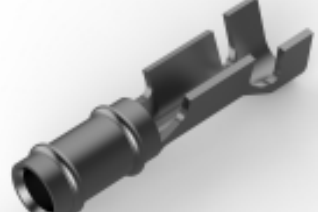



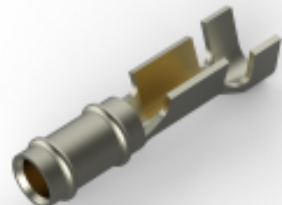





EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does 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

 <p>TE Part # 60789-8 .058 DIA RECEPTACLE LP 20-24 GPBECU</p>	 <p>TE Part # 60789-1 .058 DIA RECEPTACLE LP 20-24</p>	 <p>TE Part # 60789-2 .058 DIA RECEPTACLE LP 20-24</p>	 <p>TE Part # 350393-1 058 PCB REC IP 010PTPHBZ</p>
 <p>TE Part # 60983-2 .058 PIN REC PTPPHBZ</p>	 <p>TE Part # 60789-3 .058 DIA RECEPTACLE LP 20-24 GPPHBR</p>	 <p>TE Part # 61276-2 .058 DIA RECPT LP 24-20</p>	 <p>TE Part # 61018-1 .058 PCB PIN PTPPHBZ</p>
 <p>TE Part # 60940-1 .058 PIN REC 24-20 010PTPHBZ</p>	 <p>TE Part # 60940-2 058 PIN REC 24-20 SN/BECU</p>	 <p>TE Part # 170137-1 .058 DIA P.C.B REC LP</p>	

## Documents

### Product Drawings

[.058 DIA PIN RECPT L/P](#)

English

### CAD Files

[3D PDF](#)

3D

### Customer View Model

[ENG\\_CVM\\_CVM\\_60986-1\\_B.2d\\_dxf.zip](#)

English



**Customer View Model**

[ENG\\_CVM\\_CVM\\_60986-1\\_B.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_60986-1\\_B.3d\\_stp.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_60986-1\\_R1.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_60986-1\\_R1.3d\\_stp.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_60986-1\\_R1.2d\\_dxf.zip](#)

English

**3D PDF**

English

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**Datasheets & Catalog Pages**

[PRINTED CIRCUIT BOARD TERMINALS AND DISCONNECTS](#)

English

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**Product Specifications**

[Application Specification](#)

English

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**Product Environmental Compliance**

[TE Material Declaration](#)

English

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**Instruction Sheets**

[Application and Maintenance for Hand Crimping Tool](#)

English

[Instruction Sheet \(U.S.\)](#)

English