

60789-1 ✓ ACTIVE

AMP-IN

TE Internal #: 60789-1

PCB Terminals, Receptacle, PCB Hole Diameter 3.3 mm [.13 in], 24 – 20 AWG Wire Size, .2 – .6 mm² Wire Size, Crimp, Pre-Tin Plating, Bag

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Terminals & Splices > PCB Terminals



PCB Terminal Type: **Receptacle**

PCB Hole Diameter: **3.3 mm [.13 in]**

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

Accepts Wire Insulation Diameter (Max): **1.78 mm [.07 in]**

Accepts Wire Insulation Diameter Range: **1.14 – 1.78 mm [.045 – .07 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 Orientation	Straight

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable



Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Receptacle Terminal Stock Thickness	.25 mm[.01 in]
PCB Hole Diameter	3.3 mm[.13 in]
Accepts Wire Insulation Diameter (Max)	1.78 mm[.07 in]
Accepts Wire Insulation Diameter Range	1.14 – 1.78 mm[.045 – .07 in]
Wire Size	.2 – .6 mm ²

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 # 350393-1 058 PCB REC IP 010TPHBZ</p>	 <p>TE Part # 60986-1 .058 DIA PIN RECPT L/P</p>	 <p>TE Part # 60354-7 .058 PIN REC 28-26 .010TPHBRZ</p>	 <p>TE Part # 91507-1 CCII .058 REC P.C. 24-20 ASSY</p>
 <p>TE Part # 60940-1 .058 PIN REC 24-20 010TPPHBZ</p>	 <p>TE Part # 170136-2 1.47MM DIA PIN RECEPT STRIP</p>	 <p>TE Part # 170137-1 ,058 DIA P.C.B REC LP</p>	 <p>TE Part # 452383-1 INSERTION TOOL</p>
 <p>TE Part # 2031200-1 CCII .058 DIA REC PC CONT 24 ASSY</p>	 <p>TE Part # 350015-1 093 PIN REC 22-18 0125TPPHBZ</p>		

Documents

Product Drawings

[.058 DIA RECEPTACLE LP 20-24](#)

English

CAD Files

Customer View Model

[ENG_CVM_60789-1_AE.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_60789-1_AE.3d_stp.zip](#)

English

Customer View Model



[ENG_CVM_60789-1_AE.2d_dxf.zip](#)

English

[3D PDF](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_60789-1_G.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_60789-1_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_60789-1_G.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[PRINTED CIRCUIT BOARD TERMINALS AND DISCONNECTS](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English

Instruction Sheets

[Hand Crimping Tool 90204-4](#)

English

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

English