

60789-3 ✓ ACTIVE

AMP-IN

TE Internal #: 60789-3

PCB Terminals, Receptacle, PCB Hole Diameter 3.68 mm [.145 in],

24 – 20 AWG Wire Size, .2 – .6 mm² Wire Size, Through Hole -

Solder, Gold Plating

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Terminals & Splices > PCB Terminals



PCB Terminal Type: **Receptacle**

PCB Hole Diameter: **3.68 mm [.145 in]**

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

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

Compatible Insulation Diameter Range: **1.14 – 1.78 mm [.045 – .07 in]**

Features

Product Type Features

Terminal Features	Stud Hole
Wire Insulation Support Retention Type	Open Barrel

Contact Features

Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
PCB Terminal Type	Receptacle
Mating Pin Diameter	1.47 mm[.058 in]
Terminal Plating Material	Gold
Contact Underplating Material	Nickel
Terminal Orientation	Straight

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
Product Terminates To	Wire & Cable

Mechanical Attachment



Wire Insulation Support	With
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Dimensions

Terminal Material Thickness	.25 mm[.01 in]
PCB Hole Diameter	3.68 mm[.145 in]
Compatible Insulation Diameter (Max)	1.78 mm[.07 in]
Compatible 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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 60940-1
.058 PIN REC 24-20 010PTPHBZ



TE Part # 60986-1
.058 DIA PIN RECPT L/P



TE Part # 91507-1
CCII .058 REC P.C. 24-20 ASSY



TE Part # 170136-2
1.47MM DIA PIN RECEPT STRIP



TE Part # 170137-1
.058 DIA P.C.B REC LP



TE Part # 2031200-1
CCII .058 DIA REC PC CONT 24 ASSY

Customers Also Bought



TE Part #8-35149-2
TERMINAL,PIDG R 12-10 6



TE Part #63643-1
MAG-MATE 187 FAST TAB 0198TPBR



TE Part #87227-6
12 MODII HDR DRST UNSHRD .100



TE Part #481803-000
CWT-3807




TE Part #270225-000
B-150-07



TE Part #656077-000
CWT-3803



TE Part #ZPF00000000015188
DMC-M 04-12 BB



TE Part #ZPF00000000003707
732-8040-01



Documents

Product Drawings

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

English

CAD Files

[3D PDF](#)

English

Customer View Model

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

English

Customer View Model

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

English

Customer View Model

[ENG_CVM_60789-3_AE.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_60789-3_G.2d_dxf.zip](#)

English

Customer View Model

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

English

Customer View Model

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

English

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

Datasheets & Catalog Pages

[PRINTED CIRCUIT BOARD TERMINALS AND DISCONNECTS](#)

English

Product Specifications

[Application Specification](#)

English

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