



AMP-IN

TE Internal #: 60598-4

Receptacle, PCB Hole Diameter 3.68 mm [.145 in], 24 – 20 AWG

Wire Size, .2 – .6 mm² Wire Size, Through Hole - Solder, Tin Plating,

Reel, PCB Terminals

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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
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Contact Features

Contact Mating Area Plating Material Thickness	2.03 – 5.08 μm[80 – 200 μin]
PCB Terminal Type	Receptacle
Mating Pin Diameter	1.47 mm[.058 in]
Terminal Plating Material	Tin
Terminal Orientation	Straight

Termination Features

Termination Method to PCB	Through Hole - Solder
Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

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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	15000
Packaging Method	Reel

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) Candidate List Declared Against: JUNE 2024 (241) 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 # 91507-1
CCII .058 REC P.C. 24-20 ASSY



TE Part # 2151427-1
OCEAN_2.0_Applicator-S-055F080O-RSM



TE Part # 2151427-2
OCEAN_2.0_Applicator-S-055F080O-RSA



TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



KIT

REPRESENTATION ONLY

TE Part # 7-2151427-7
OCEAN_2.0_SPARE_PART_KIT-055F080O

Customers Also Bought



TE Part #EC9894-000
Fluid Resistant Sleeves, ZHD-SCE



TE Part #3-160256-1
250 FASTON,REC.,17-14 AWG,TPPB



TE Part #364094-E
DRCBTB 1,27 12 M BTB20 18,2 137 * 094 TR



TE Part #384453-E
SRCBUG A 2,54 2 4 CSI 112 E1 ADV J 2 324



TE Part #4-456406-1
CRIMPER, WIRE .090



TE Part #60598-1
058 PIN REC IS 22-20 010PTPHBZ



TE Part #3-1393117-1
KUP-11A55-240=KU



TE Part #EH0601-000
HL-9MM-REDUCTION-NOZ



TE Part #EH0600-000
HL-SOLDER-SLV-REFLECTOR



Documents

CAD Files

3D PDF

English

Customer View Model

[ENG_CVM_60598-4_AH.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_60598-4_AH.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_60598-4_AH.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_60598-4_BA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_60598-4_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_60598-4_BA.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

PRINTED CIRCUIT BOARD TERMINALS AND DISCONNECTS

English

Product Specifications

Application Specification

English