



**AMP-IN**

TE Internal #: 60598-9

PCB Terminals, Receptacle, PCB Hole Diameter 3.18 mm [.125 in],  
 24 – 20 AWG Wire Size, .2 – .6 mm<sup>2</sup> Wire Size, Crimp, Gold Plating,  
 Nickel, Reel

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Terminals & Splices > PCB Terminals



PCB Terminal Type: **Receptacle**

PCB Hole Diameter: **3.18 mm [.125 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
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**Configuration Features**

Stud Hole	No
Terminal Angle	180 °

**Body Features**

Plating Thickness	38 µm
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**Contact Features**

Contact Plating Material	Tin
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 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	3.18 mm[.125 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 <sup>2</sup>

### Usage Conditions

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

### Packaging Features

Packaging Quantity	15000
Packaging Method	Reel

### Other

Comment	Machine applied applicator required.
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### Product Compliance











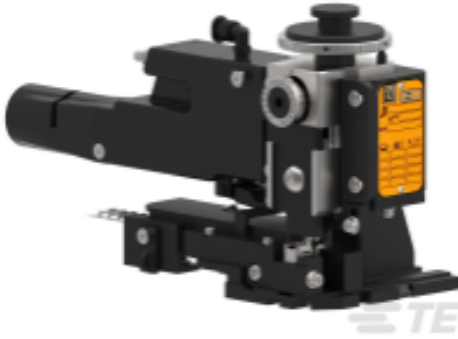

[For compliance documentation, visit the product page on TE.com>](#)

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: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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

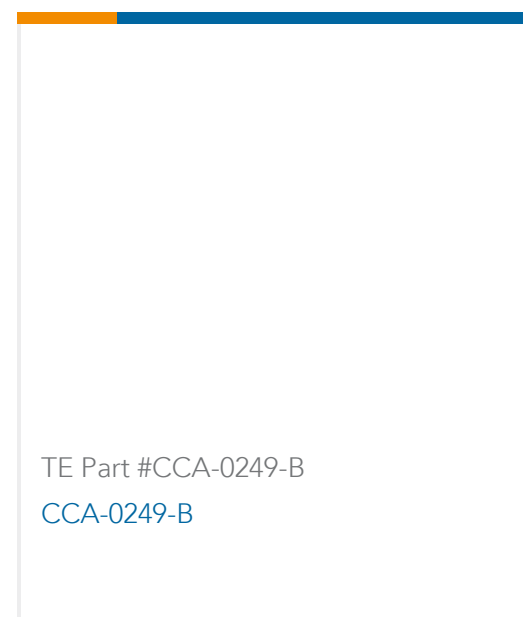
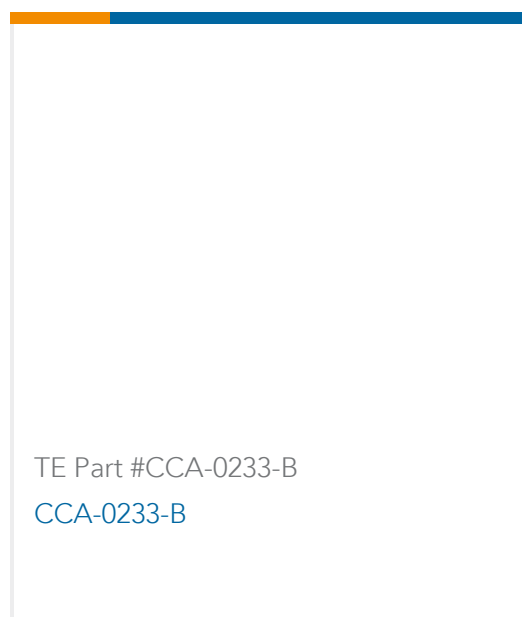
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 2305570-1 TERMINAL CUTTER, SIDE FEED</p>	 <p>TE Part # 60354-7 .058 PIN REC 28-26 .010PTPHBRZ</p>	 <p>TE Part # 91507-1 CCII .058 REC P.C. 24-20 ASSY</p>	 <p>TE Part # 60940-2 058 PIN REC 24-20 SN/BECU</p>
 <p>TE Part # 170136-2 1.47MM DIA PIN RECEPT STRIP</p>	 <p>TE Part # 452383-1 INSERTION TOOL</p>	 <p>TE Part # 2-2151427-1 OCEAN_2.0_Applicator-S-055F0800</p>	 <p>TE Part # 2-2151427-2 OCEAN_2.0_Applicator-S-055F0800</p>
 <p>TE Part # 2031200-1 CCII .058 DIA REC PC CONT 24 ASSY</p>	 <p>TE Part # 2151427-1 OCEAN_2.0_Applicator-S-055F0800</p>	 <p>TE Part # 2151427-2 OCEAN_2.0_Applicator-S-055F0800</p>	 <p>TE Part # 7-2151427-1 OCEAN_2.0_Applicator-S-055F0800</p>



## Customers Also Bought



## Documents

### Product Drawings

[.058 PIN REC 24-20 010GPBECU](#)

English

### CAD Files

[3D PDF](#)

English

Customer View Model

[ENG\\_CVM\\_60598-9\\_AH.3d\\_igs.zip](#)

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Customer View Model

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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

[MD\\_60598-9\\_10192017246\\_dmtec](#)

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