

1742881-1 ✓ ACTIVE



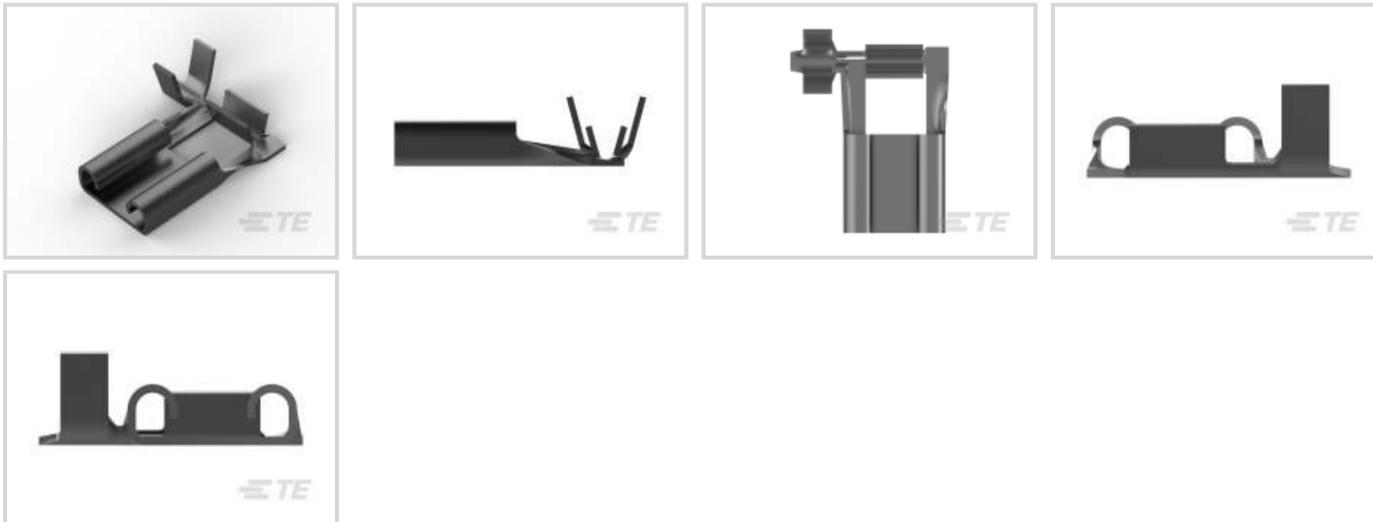
AMPLIVAR

TE Internal #: 1742881-1

Quick Disconnects, Receptacle, 20 – 17 AWG Wire Size, .51 – 1.03 mm² Wire Size, 500 – 1900 CMA Wire Size, Mating Tab Width 6.35 mm [.25 in], AMPLIVAR

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Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **500 – 1900 CMA**

Mating Tab Width: **6.35 mm [.25 in]**

Features

Product Type Features

| | |
|------------------------------------|-------------|
| Compatible With Discrete Wire Type | Magnet Wire |
| Insertion Force | High |

Configuration Features

| | |
|---------------------|--------|
| Connection Capacity | Single |
|---------------------|--------|

Electrical Characteristics

| | |
|----------------|-------|
| Voltage Rating | 240 V |
|----------------|-------|

Contact Features

| | |
|--------------------------------|------------------|
| Quick Disconnect Terminal Type | Receptacle |
| Mating Tab Width | 6.35 mm [.25 in] |
| Mating Tab Thickness | .81 mm [.032 in] |
| Terminal Orientation | Flag |
| Contact Base Material | Brass |
| Terminal Plating Material | Tin |
| Crimp Type | F-Crimp |
| Barrel Type | Open |



Mechanical Attachment

| | |
|-------------------------|--------|
| Wire Insulation Support | With |
| Mating Retention Type | Dimple |

Dimensions

| | |
|--------------------------------------|-----------------------------|
| Terminal Material Thickness | .41 mm[.016 in] |
| Product Length | 13.46 mm[.53 in] |
| Compatible Insulation Diameter Range | 2.54 – 3.05 mm[.1 – .12 in] |
| Wire Size | 500 – 1900 CMA |

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Insulation Option | Uninsulated |
| Operating Temperature Range | -40 – 105 °C[-40 – 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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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 # 1217955-1
.187 FAST FL AMVAR 0157 TPBR



TE Part # 63941-1
RCPT 187 FL/FAST AMVR 0157TPBR



TE Part # 63942-1
RCPT,187 FL/FAST/AMVR 0157TPBR



TE Part # 1742678-2
187 RCPT FAST AMVR 0157TPPB



TE Part # 969116-2
AMPLIVAR SOCKET 6,3 SPECIAL



TE Part # 1-969049-1
AMPLIVAR STATOR BUCHS



TE Part # 1217417-1
RCPT.187 FL/FAST AMVR .157TPB



TE Part # 1217624-1
.187 FAST FL AMVR 0157 TPBR



TE Part # 1599721-1
TAB REC, STATOR, AMPLIVAR



TE Part # 2-2150450-1
OCEAN_2.0_Applicator-E-070F1400V



TE Part # 2-2150450-2
OCEAN_2.0_Applicator-E-070F1400VA



TE Part # 2-2150540-2
OC-PA-E-FA-150F220F-001-0054



TE Part # 2150450-1
OCEAN_2.0_Applicator-E-070F1400V



TE Part # 2150450-2
OCEAN_2.0_Applicator-E-070F1400VA



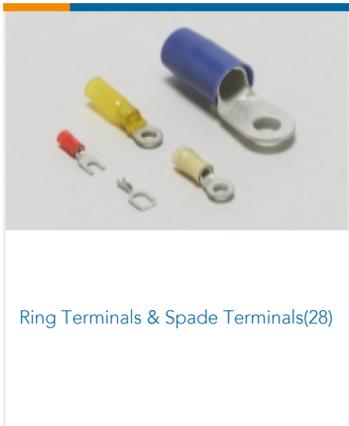
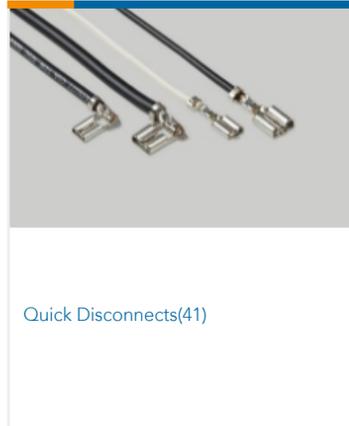
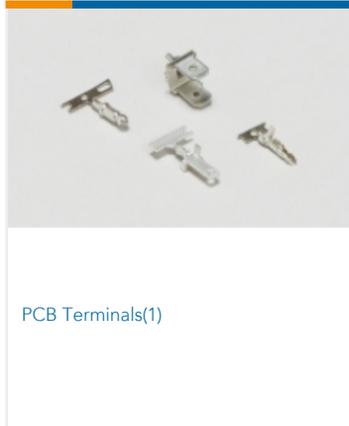
TE Part # 505081-1
AMPLIVAR .248 DUAL BLADE PTPBR



TE Part # 63480-1
RCPT STATOR 27-22 0173PTPBR



Also in the Series | **AMPLIVAR**



Customers Also Bought





Documents

Product Drawings

[250 FAST FLG RCPT AMVAR TPBR](#)

English

[250 FAST FLG RCPT AMVAR TPBR](#)

English

[250 FAST FLG RCPT AMVAR TPBR](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1742881-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1742881-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1742881-1_B.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

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English