



AMPLIVAR

TE Internal #: 1742882-1

Quick Disconnects, Receptacle, 20 – 16 AWG Wire Size, .51 – 1.31 mm² Wire Size, 1000 – 2700 CMA Wire Size, Mating Tab Width 6.35 mm [.25 in], AMPLIVAR

[View on TE.com >](#)

Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **1000 – 2700 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
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Electrical Characteristics

Voltage Rating	240 V
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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	1000 – 2700 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: 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 # 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 # 1855634-1
HDM/FA EAPR.090F.1400 LM/G CUT



TE Part # 1855634-2
HDM/FA EAPR.090F.1400 BENCH K CUT



TE Part # 2-2150460-1
OC-PA-E-FM-090F-1400V-001-0146



TE Part # 2-2150460-2
OC-PA-E-FA-090F-1400V-001-0146



TE Part # 2150460-1
OC-AT-S-FM-090F-1400V-001-0146



TE Part # 2150460-2
OC-AT-S-FA-090F-1400V-001-0146



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



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




TE Part # 63940-1
RCPT.187 FL/FAST AMVR 0157TPB



TE Part # 63944-1
RCPT 250 FLG FAST AMVAR TPPHBZ



TE Part # 63964-1
REC STATOR 2800/7400 PTPBR



KIT
REPRESENTATION ONLY

TE Part # 7-2150460-7
OC-090F-140OV-CRIMPTOOLINGKIT


Also in the Series | **AMPLIVAR**



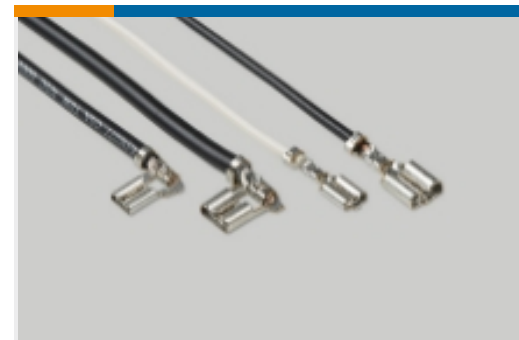
Crimp Wire Pins, Tabs & Ferrules(5)




Magnet Wire Terminals(4)



PCB Terminals(1)



Quick Disconnects(41)



Ring Terminals(28)



Splices(77)

Customers Also Bought



TE Part #206070-8
CABLE CLAMP KIT #17



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #W2S
Wedgelocks: DEUTSCH DT



TE Part #0462-201-16141
DEUTSCH Solid Contacts



TE Part #282080-1
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING



TE Part #281934-2
SINGLE WIRE SEAL



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_1742882-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1742882-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1742882-1_B.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English