

AMPLIVAR

TE Internal #: 42776-1
Thru Splice, 18.5 – 13.5 AWG, .8 – 2.5 mm² Wire, 3 Splice Capacity,
Serrated, 1500 – 5000 CMA, Brass, 5 Serration, 5.72 mm [.225 in]
Length, AMPLIVAR

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Terminals & Splices > Splices



Splice Type: **Thru Splice**
Wire Size: **.8 – 2.5 mm²**
Sealable: **No**
Splice Capacity: **3**

Features

Product Type Features

Splice Type	Thru Splice
Sealable	No
Compatible With Discrete Wire Type	Magnet Wire, Solid

Configuration Features

Strip Orientation	End Feed
Splice Capacity	3
Number of Serrations	5

Electrical Characteristics

Operating Voltage	250 V
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Body Features

Product Weight	.185 g
Splice Features	Serrated

Contact Features

Terminal Plating Material	Unplated
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Contact Base Material	Brass
Barrel Type	Open

Termination Features

Crimp Width	2.79 mm[.11 in]
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Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Wire Size	1500 – 5000 CMA
Terminal Material Thickness	.51 mm[.02 in]
Product Length	5.72 mm[.225 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-65 – 150 °C[-85 – 302 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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Industry Standards

Government Qualified Splice	No
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Packaging Features

Packaging Quantity	30000
Packaging Method	Strip

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

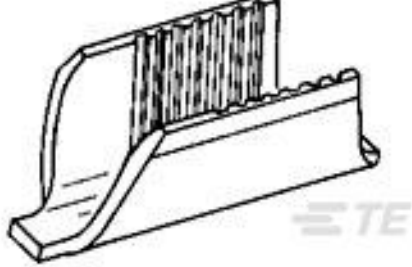
Product Compliance Disclaimer

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>

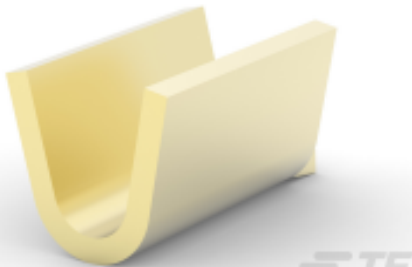
Compatible Parts



TE Part # 2150115-2
OCEAN_2.0_APPLICATOR-E-110F-SEA



TE Part # 280538-1
AMPLIVAR Splice, unplated version

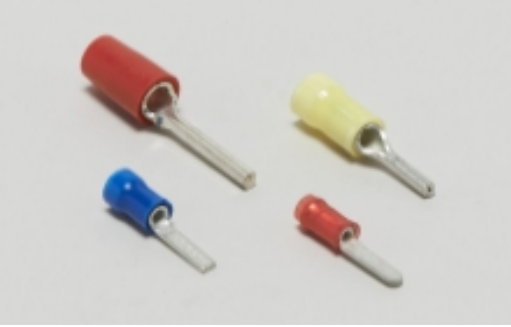


TE Part # 42192-1
SPLC AMVAR 600-3000 020BR

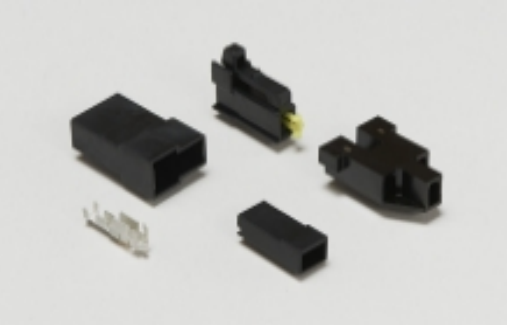


TE Part # 63564-1
SPLICE AMVAR 2000-5400 020BR

Also in the Series | AMPLIVAR



Crimp Wire Pins, Tabs & Ferrules(4)



Magnet Wire Terminals(4)



PCB Terminals(1)



Quick Disconnects(40)



Ring Terminals(28)



Splices(71)

Customers Also Bought



TE Part #9-1478248-0
PRO-C HEX DIE RG174-RG178



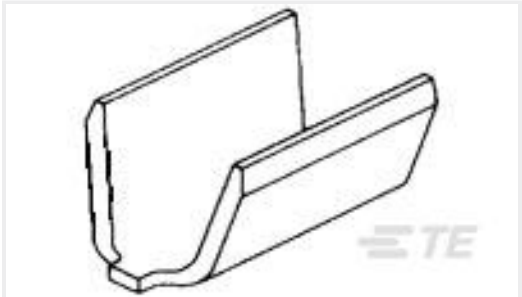
TE Part #1-456409-2
CRIMPER WIRE .120 "F"



TE Part #691157-1
BLADE, SHEAR



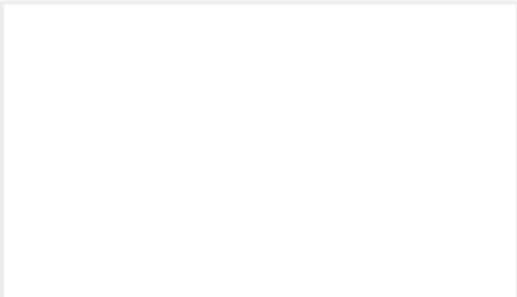
TE Part #42400-1
250 FASTON REC 18-14 AWG BR



TE Part #60997-1
SPLICE 12000-18000 .025 BR



TE Part #40951
RING 18-14 AWG .0198 X .343 BR



TE Part #A49932-000
B-155-4059-35-22-5/9-10



ANVIL
REPRESENTATION ONLY
TE Part #810462
ANVIL, AMPLI-VAR PIGTAIL



TE Part #454540-1
CRIMPER-BLUNT



TE Part #240644-1
PLATE-REAR SHEAR

Documents

Product Drawings

SPLC AMVAR 1500-5000 020BR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_42776-1_V_c-42776-1-v.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_42776-1_V_c-42776-1-v.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_42776-1_V_c-42776-1-v.3d_stp.zip

English

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

Datasheets & Catalog Pages



Magnet Wire Terminals & Splices

English

Product Specifications

Application Specification

English

AMPLIVAR 5 Serration Pigtail Splice

English