



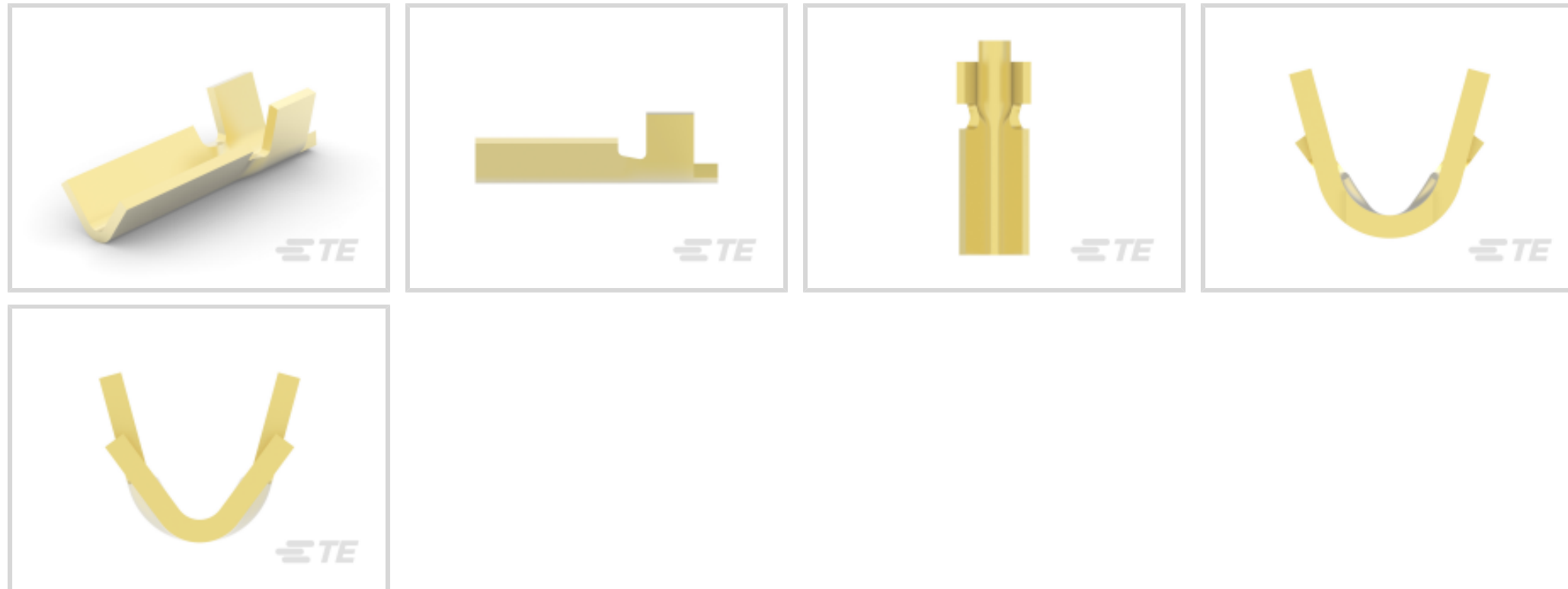
**AMPLIVAR**

TE Internal #: 1742451-1

Magnet Wire Terminals, Pin, .32 – .82 mm Magnet Wire, 22 – 18 AWG Magnet Wire, Crimp, Crimp Area Length 2.01 mm [.079 in], Unplated Plating, AMPLIVAR

[View on TE.com >](#)

Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Pin**

Accepts Wire Insulation Diameter (Max): **1.9 mm [.074 in]**

Accepts Wire Insulation Diameter Range: **1.27 – 1.9 mm [.05 – .075 in]**

Magnet Wire Size: **22 – 18 AWG**

**Features**

**Product Type Features**

Wire Insulation Support Retention Type	Insulation Support
Compatible With Discrete Wire Type	Magnet Wire, Solid
Sealable	No

**Configuration Features**

Strip Orientation	Side Feed
Number of Serrations	4

**Contact Features**

Magnet Wire Terminal Type	Pin
Terminal Plating Material	Unplated
Terminal Orientation	Straight

**Termination Features**

Termination Method to Wire & Cable	Crimp
Crimp Area Length	2.01 mm [.079 in]

**Mechanical Attachment**



Wire Insulation Support	Without
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### Dimensions

Accepts Wire Insulation Diameter (Max)	1.9 mm[.074 in]
Accepts Wire Insulation Diameter Range	1.27 – 1.9 mm[.05 – .075 in]
Magnet Wire Size	22 – 18 AWG
Stock Thickness (Magnet Wire Side)	.41 mm[.016 in]
Overall Product Length	13.46 mm[.53 in]

### Usage Conditions

Insulation Option	Uninsulated
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### Operation/Application

Compatible With Wire Base Material	Aluminum, Copper
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### 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 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



TE Part # 63481-2  
RCPT STATOR 21-15 0173PTPBR



TE Part # 62192-1  
BOBBIN TAB .016TPBR



TE Part # 1494212-1  
SIZE(2.8) AMPLIVAR FASTON RECP



TE Part # 1494211-1  
SIZE(2.8) AMPLIVAR FASTON RECP



TE Part # 5677624001  
RNF-3000-1.5/0.5-2-SP



TE Part # 1494212-2  
SIZE(2.8) AMPLIVAR FASTON RECP



TE Part # 1814988-1  
.250SERIES FASTIN-FASTON TAB  
AMPLIVAR



TE Part # 626486-2  
TERMINAL



TE Part # 63657-1  
TAB,AMPLIVAR 2(16) 015TPBR



TE Part # 880009-1  
.110 FASTON AMPLIVAR

## Also in the Series | AMPLIVAR



Crimp Wire Pins, Tabs & Ferrules(5)



Magnet Wire Terminals(5)



PCB Terminals(1)



Quick Disconnects(42)

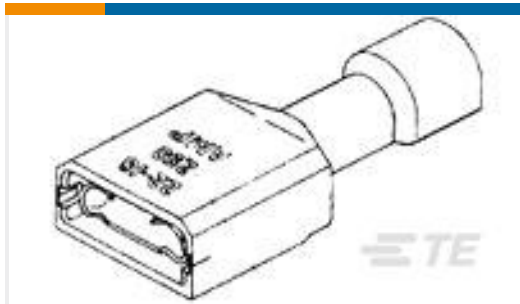


Ring Terminals & Spade Terminals(28)

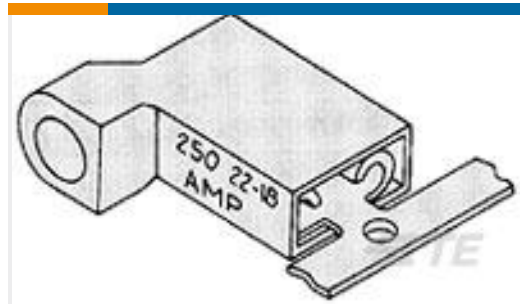


Splices(78)

## Customers Also Bought



TE Part #3-350819-2  
ULTRA-FAST 250 ASY REC 16-14 AWG  
TPBR



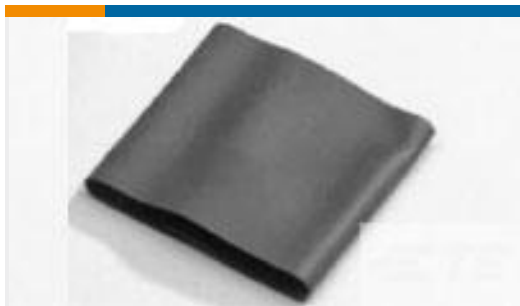
TE Part #3-520340-2  
ULTRA-FAST 187 ASY REC 16-14 AWG  
TPBR



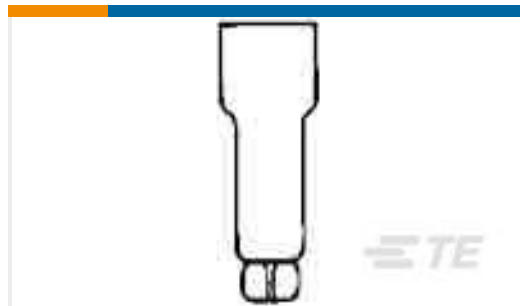
TE Part #1776293-1  
TSB23001DS=EUROPA TERM BLK,  
8MM



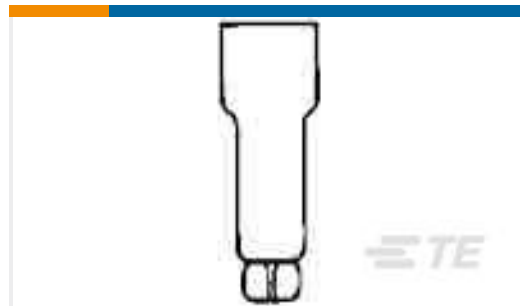
TE Part #5069874011  
CGPT-19/9.5-0-SP



TE Part #137963J001  
V2-1.5-0-SP-SM



TE Part #36965  
SPLICE,CE 22-10



TE Part #330021  
SPLICE,CE 22-16



TE Part #5058706045  
VERSAFIT-1/8-0-40MM

## Documents

### Product Drawings

[AMPLIVAR WIRE PIN 600-1400 020BRS](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1742451-1\\_C\\_c-1742451-1-c.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1742451-1\\_C\\_c-1742451-1-c.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1742451-1\\_C\\_c-1742451-1-c.3d\\_stp.zip](#)

English

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



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**Datasheets & Catalog Pages**

**Magnet Wire Terminals & Splices**

English

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**Product Specifications**

**Application Specification**

English

**AMPLIVAR 5 Serration Thru Splice**

English

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**Product Environmental Compliance**

**Product Compliance**

English

**Product Compliance**

English