



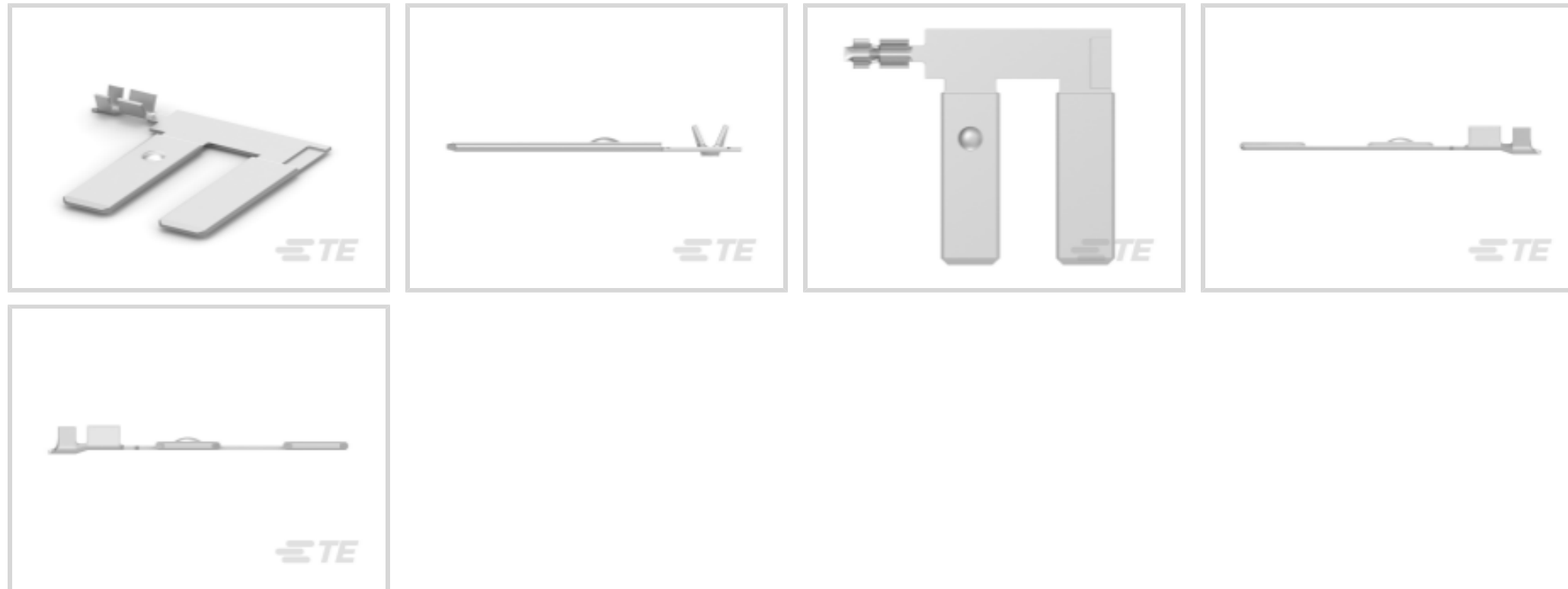
AMPLIVAR

TE Internal #: 505081-1

Magnet Wire Terminals, Dual Blade, Mating Tab Width .252 in [6.4 mm], .32 – .51 mm Magnet Wire, 22 – 20 AWG Magnet Wire, Crimp, AMPLIVAR

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Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Dual Blade**

Mating Tab Width: **6.4 mm [.252 in]**

Mating Tab Thickness: **.81 mm [.032 in]**

Compatible Insulation Diameter (Max): **1.78 mm [.07 in]**

Compatible Insulation Diameter Range: **1.78 mm [.07 in]**

Features

Product Type Features

Wire Insulation Support Retention Type	Insulation Support
Compatible With Discrete Wire Type	Magnet Wire

Contact Features

Magnet Wire Terminal Type	Dual Blade
Mating Tab Width	6.4 mm[.252 in]
Mating Tab Thickness	.81 mm[.032 in]
Terminal Plating Material	Tin
Terminal Orientation	Flag

Termination Features

Termination Method to Wire & Cable	Crimp
Crimp Area Length	6.35 mm[.25 in]

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Terminal Height	25.27 mm[.995 in]
Compatible Insulation Diameter (Max)	1.78 mm[.07 in]
Compatible Insulation Diameter Range	1.78 mm[.07 in]
Magnet Wire Size	.32 – .51 mm
Stock Thickness (Magnet Wire Side)	.81 mm[.032 in]
Product Length	19.94 mm[.785 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	3000
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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 1742882-1
 250 FAST FLG RCPT AMVAR TPBR



TE Part # 9556824001
 DWTC-4/1-X-SP



TE Part # 63497-1
 AMPLIVAR TAB 032 TPBR



TE Part # 63165-1
 250 AMVAR FAST TAB 032TPBR



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



TE Part # 1742881-1
 250 FAST FLG RCPT AMVAR TPBR



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



TE Part # 63497-2
 AMPLIVAR TAB 032 TPBR



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


Also in the Series | AMPLIVAR




Crimp Wire Pins, Tabs & Ferrules(5)



Magnet Wire Terminals(4)



PCB Terminals(1)



Quick Disconnects(40)

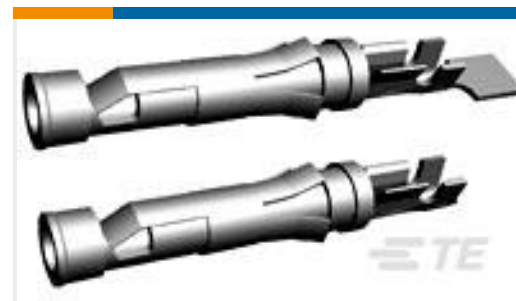


Ring Terminals(28)



Splices(77)

Customers Also Bought

TE Part #206708-1
CPC PLUG ASSEMBLY SIZE 13-9TE Part #206966-7
CABLE SHELL CLAMP SIZE 13TE Part #1-66105-9
III+ SKT,24-20,TIN,LPTE Part #5-2176070-6
3521 2K0 1% 2WTE Part #1-794610-2
MICRO MNL RPT CNT,LS PC 30AU LTE Part #1445049-4
FREE HANG SNGL ROW HSG 4 POSTE Part #1445022-4
MICRO MNL RFECEPT HSG SINGLE RTE Part #1-794612-2
PIN CONT 20-24 30 GOLD L/PTE Part #5-747912-2
25 Plug Solder Cup, Gold FlashTE Part #2-1478763-5
METAL BACKSHELL 25 WAY 45 DE

Documents

Product Drawings

[AMPLIVAR .248 DUAL BLADE PTPBR](#)

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_505081-1_H.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_505081-1_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_505081-1_H.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English