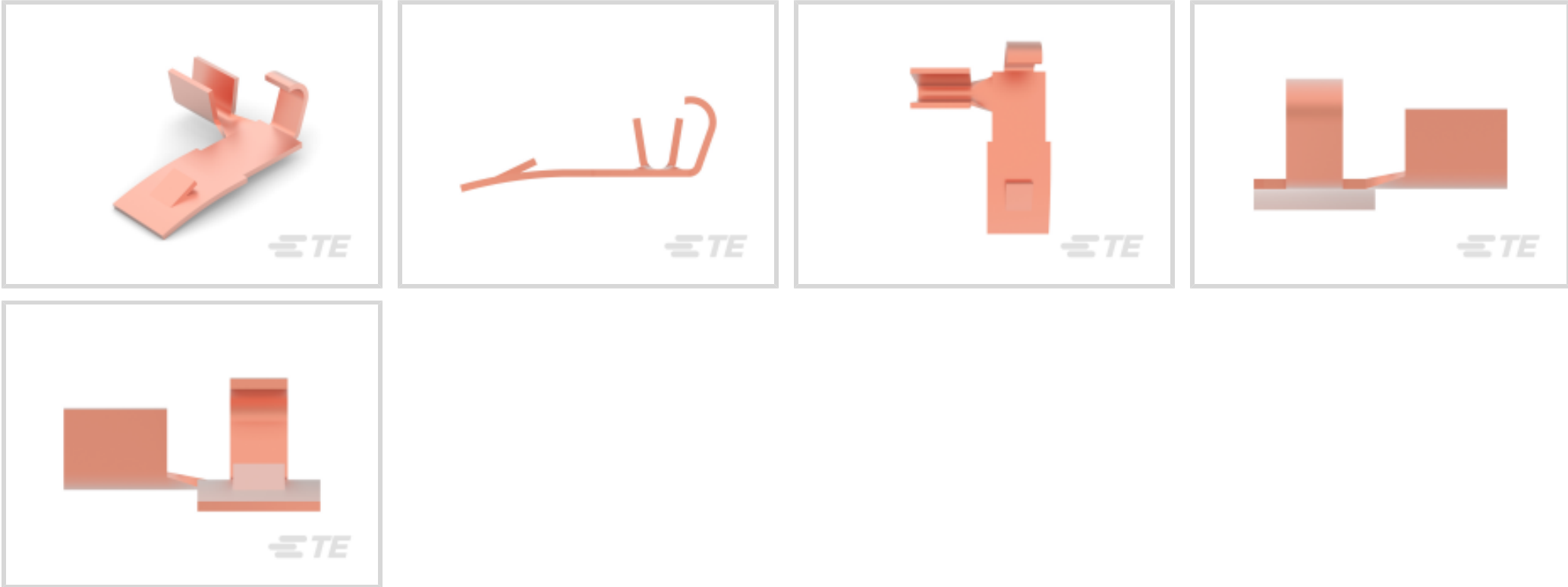




TE Internal #: 61148-1  
Mating Tab Width 5.51 mm [.217 in], .32 – 1 mm Magnet Wire, 22 – 17 AWG Magnet Wire, Crimp, Crimp Area Length 4.57 mm [.18 in], Magnet Wire Terminals  
[View on TE.com >](#)

Terminals & Splices > Magnet Wire Terminals



Mating Tab Width: 5.51 mm [.217 in]  
Mating Tab Thickness: .45 mm  
Compatible Insulation Diameter (Max): 2.92 mm [.115 in]  
Compatible Insulation Diameter Range: 2.41 – 2.92 mm [.095 – .115 in]  
Magnet Wire Size: 22 – 17 AWG

Features

Contact Features

|                           |                  |
|---------------------------|------------------|
| Mating Tab Width          | 5.51 mm[.217 in] |
| Mating Tab Thickness      | .45 mm           |
| Terminal Plating Material | Unplated         |
| Terminal Orientation      | Flag             |

Termination Features

|                                    |                 |
|------------------------------------|-----------------|
| Termination Method to Wire & Cable | Crimp           |
| Crimp Area Length                  | 4.57 mm[.18 in] |

Mechanical Attachment

|                         |      |
|-------------------------|------|
| Wire Insulation Support | With |
|-------------------------|------|

Dimensions

|                                      |                                |
|--------------------------------------|--------------------------------|
| Terminal Height                      | 10.79 mm[.425 in]              |
| Compatible Insulation Diameter (Max) | 2.92 mm[.115 in]               |
| Compatible Insulation Diameter Range | 2.41 – 2.92 mm[.095 – .115 in] |
| Magnet Wire Size                     | .32 – 1 mm                     |



|                                    |                   |
|------------------------------------|-------------------|
| Stock Thickness (Magnet Wire Side) | .46 mm[.018 in]   |
| Product Length                     | 15.36 mm[.605 in] |

Usage Conditions

|                   |             |
|-------------------|-------------|
| Insulation Option | Uninsulated |
|-------------------|-------------|

Packaging Features

|                  |      |
|------------------|------|
| 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)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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



|                                                              |                                                              |                                                       |                                                                        |
|--------------------------------------------------------------|--------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------------|
| <p>TE Part # 62827-1<br/>WELD TAB 24-22 AWG SST</p>          | <p>TE Part # 40990-1<br/>WELD TAB TAB 20-16 AWG TPSTL</p>    | <p>TE Part # 63701-1<br/>WELD TAB 20-16 AWG NPSTL</p> | <p>TE Part # 1-150504-2<br/>BUTTON CONTACT 20-16 .0158 X .625 TPBR</p> |
| <p>TE Part # 63257-1<br/>CONTACT TERMINAL 22-18 AWG TPBR</p> | <p>TE Part # 63257-2<br/>CONTACT TERMINAL 22-18 AWG TPBR</p> | <p>TE Part # 40990<br/>WELD TAB IS 22-18 020STST</p>  | <p>TE Part # 60581-1<br/>WELD TAB 20-16 020 TPSTL</p>                  |
| <p>TE Part # 62134-2<br/>CONTACT 18-14 AWG NPSTL</p>         | <p>TE Part # 62153-1<br/>WELD TAB 20-16 AWG TPSTL</p>        |                                                       |                                                                        |

Customers Also Bought

|                                                         |                                                         |                                                                |                                                              |
|---------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------------------|
| <p>TE Part #241165-000<br/>RT-1145-OX-22-0</p>          | <p>TE Part #643430-1<br/>15P UMNL HDR ASSY POL 94VO</p> | <p>TE Part #350415-1<br/>.093 COMM P&amp;S SOK 14-20 PTPBR</p> | <p>TE Part #1-1614959-2<br/>CPF0805 1M6 0.1% 25PPM 1K RL</p> |
| <p>TE Part #5179031-2<br/>0.8FH,P08H.5,060,08/Sn,TU</p> | <p>TE Part #648101-000<br/>55A1823-22-9/96-9CS2275</p>  | <p>TE Part #1633962-3<br/>CRIMPER, INSULATION F PREMIUM</p>    | <p>TE Part #620069-000<br/>D-108-11</p>                      |



Documents

Product Drawings

BRUSH HOLDER AMPLIVAR 22-17 AWG PHBZ

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_61148-1\_W.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_61148-1\_W.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_61148-1\_W.3d\_stp.zip

English

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