



Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Poke-In**

Compatible With Cavity Size: **Size 2**

Lead Wire Size: **20 – 18 AWG**

Magnet Wire Size: **33 – 31 AWG**

Features

Product Type Features

|                                    |                    |
|------------------------------------|--------------------|
| Compatible With Discrete Wire Type | Magnet Wire, Solid |
|------------------------------------|--------------------|

Body Features

|                             |        |
|-----------------------------|--------|
| Compatible With Cavity Size | Size 2 |
|-----------------------------|--------|

Contact Features

|                           |         |
|---------------------------|---------|
| Magnet Wire Terminal Type | Poke-In |
| Terminal Plating Material | Tin     |
| Terminal Orientation      | Twisted |

Termination Features

|                                    |                               |
|------------------------------------|-------------------------------|
| Termination Method to Wire & Cable | Insulation Displacement (IDC) |
|------------------------------------|-------------------------------|

Mechanical Attachment

|                       |         |
|-----------------------|---------|
| Mating Retention Type | Locking |
|-----------------------|---------|

Dimensions

|                 |                 |
|-----------------|-----------------|
| Terminal Height | 7.87 mm[.31 in] |
| Lead Wire Size  | 20 – 18 AWG     |



|                                    |                  |
|------------------------------------|------------------|
| Magnet Wire Size                   | .18 – .23 mm     |
| Stock Thickness (Magnet Wire Side) | .25 mm[.009 in]  |
| Product Length                     | 3.43 mm[.135 in] |

Usage Conditions

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

Operation/Application

|                                    |        |
|------------------------------------|--------|
| Compatible With Wire Base Material | Copper |
|------------------------------------|--------|

Identification Marking

|                       |   |
|-----------------------|---|
| Identification Number | 4 |
|-----------------------|---|

Packaging Features

|                    |                   |
|--------------------|-------------------|
| Packaging Quantity | 12000             |
| Packaging Method   | Reel, Reel/Carton |

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)<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                                                                                   |

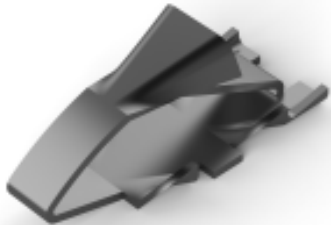
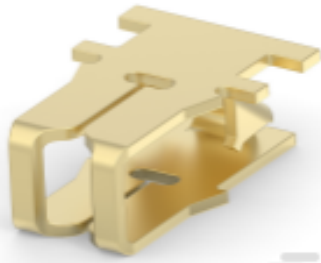
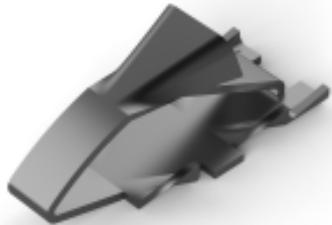
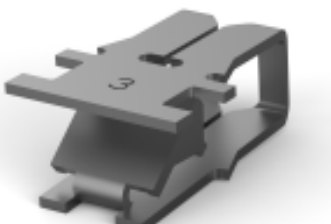
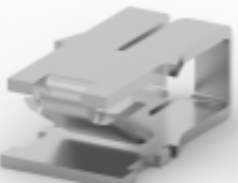
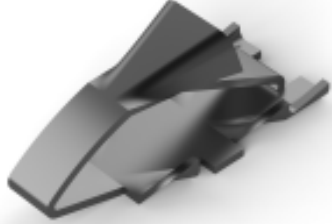
Product Compliance Disclaimer

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

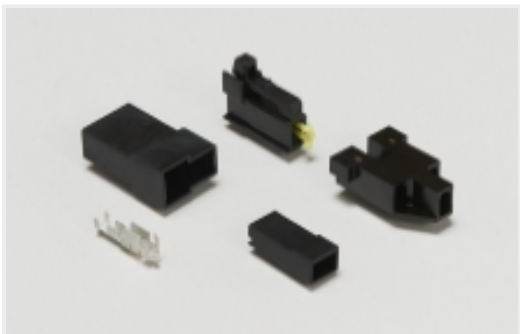


requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

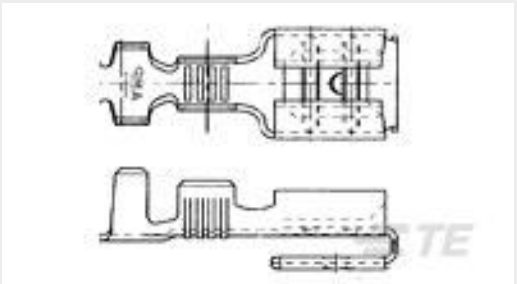
|                                                                                                                                                |                                                                                                                                              |                                                                                                                                                   |                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 160899-2<br/>MAG-MATE POKE-IN</p>               |  <p>TE Part # 62781-2<br/>TERM MAG-MATE MINI 42-52 TPBR</p> |  <p>TE Part # 62429-4<br/>MAG-MATE TERM 27-30 013BR</p>        |  <p>TE Part # 62781-3<br/>TERM MAG-MATE MINI 42-52 TPBR</p>  |
|  <p>TE Part # 1-62429-2<br/>MAG-MATE TERM 27-30 013TPBR</p> |  <p>TE Part # 1742379-1<br/>TERMINAL,POKE-IN,MAG-MATE</p> |  <p>TE Part # 2825380-1<br/>MAG-MATE TERM 20-22 016 TPBR</p> |  <p>TE Part # 62781-1<br/>MINI MAG-MATE 42-52 010 TPBR</p> |

Also in the Series | **MAG-MATE 300**

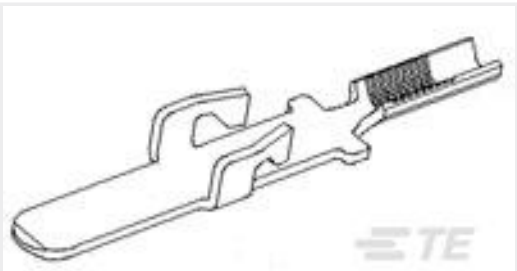


Magnet Wire Terminals(78)

Customers Also Bought

|                                                                                                                                                          |                                                                                                                                                       |                                                                                                                                                            |                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part #880629-1<br/>RING TONGUE 0.5-1.0 MM2 0.60 X 13.23 BR</p> |  <p>TE Part #1-2133346-4<br/>250 FASTON HSG.,REC.,1 POS,BLACK</p> |  <p>TE Part #880626-1<br/>RING TONGUE 0.5-1.0 MM2 0.60 X 13.23 BR</p> |  <p>TE Part #160739-1<br/>250 FASTON,PIGGYBACK REC.,18-14 AWG,BR</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|





TE Part #1217073-1  
CONT AMVAR 125 BLADE 020 TPBR



TE Part #293008-5  
3 POS. FASTIN-FASTON CONN. TAB HOUSING R



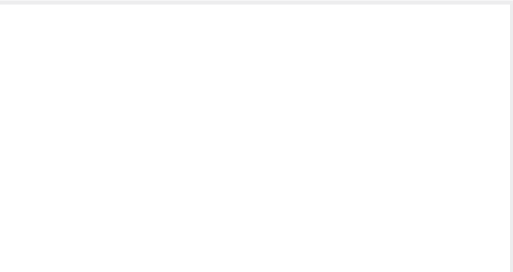
TE Part #1-880488-1  
FASTON 187 HOUSING RECEPTACLE



TE Part #881623-8  
187 FASTON REC 20-17 AWG BR



TE Part #2-1971777-4  
PTL TPA HWI 1X4 NATURAL



TE Part #1338603-1  
ELT GUARD

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_62431-1\_BZ.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_62431-1\_BZ.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_62431-1\_BZ.3d\_stp.zip

English

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Datasheets & Catalog Pages

Magnet Wire Terminals & Splices

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English