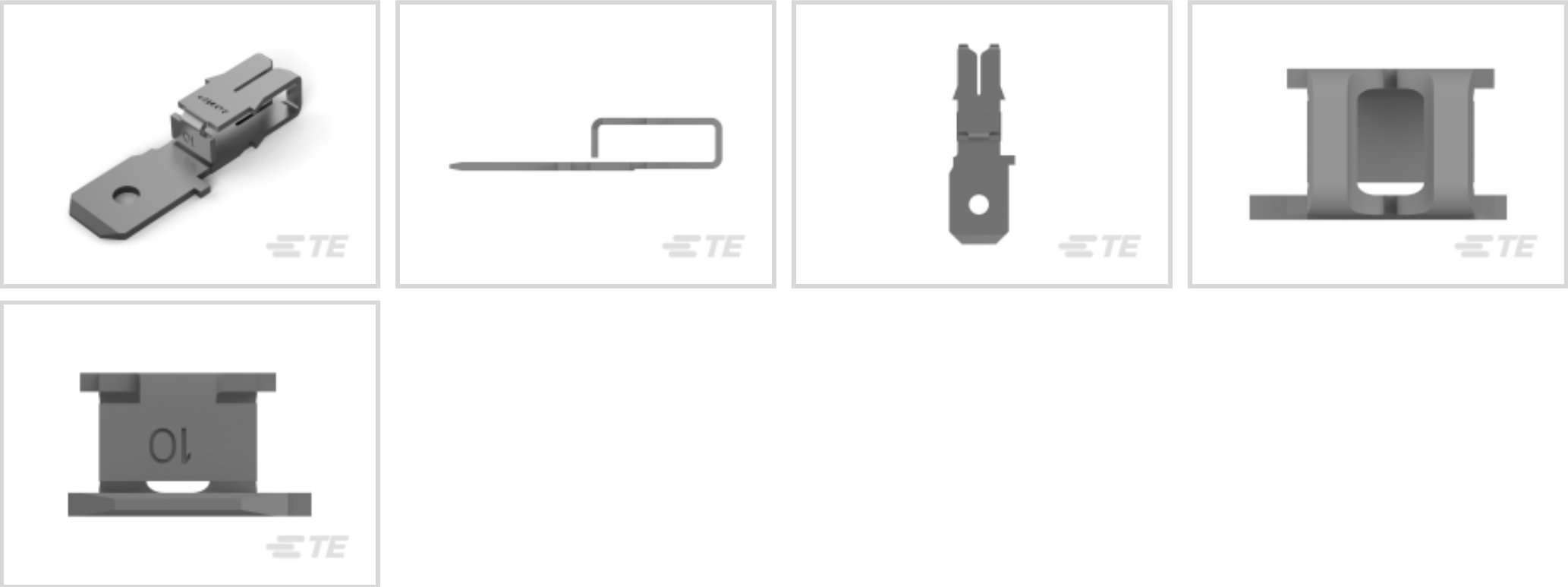




Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Tab**

Mating Tab Width: **4.78 mm [.188 in]**

Mating Tab Thickness: **.51 mm [.02 in]**

Compatible With Cavity Size: **Size 2**

Magnet Wire Size: **27 – 23 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 | Tab              |
| Mating Tab Width          | 4.78 mm[.188 in] |
| Mating Tab Thickness      | .51 mm[.02 in]   |
| Terminal Plating Material | Tin              |
| Terminal Orientation      | Straight         |

Termination Features

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

Mechanical Attachment

|                       |      |
|-----------------------|------|
| Mating Retention Type | Hole |
|-----------------------|------|

Dimensions



|                                    |                 |
|------------------------------------|-----------------|
| Terminal Height                    | 7.62 mm[.3 in]  |
| Magnet Wire Size                   | .36 – .57 mm    |
| Stock Thickness (Magnet Wire Side) | .41 mm[.016 in] |
| Product Length                     | 16 mm[.63 in]   |

Usage Conditions

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

Operation/Application

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

Identification Marking

|                       |    |
|-----------------------|----|
| Identification Number | 10 |
|-----------------------|----|

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: JAN 2025 (247)<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

|                                                         |                                                         |                                                                     |                                                          |
|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------------------|
| <br>TE Part # 63776-1<br>TAB,187 FAST MAG-MATE #23 TPBR | <br>TE Part # 63256-1<br>MAG-MATE 187 FAST TAB 0198TPBR | <br>TE Part # 2178984-1<br>.187 X .032 FASTON TAB, 300 SRS MAG-MATE | <br>TE Part # 63746-1<br>MAG-MATE 110 F TAB 27-23 TPBR   |
| <br>TE Part # 62514-1<br>MAG-MATE 27-23 187 F TAB TPBR  | <br>TE Part # 63461-1<br>MAG-MATE 187 F TAB 27-23 TPBR  | <br>TE Part # 1217243-1<br>TAB, 187 FASTON, MAG-MATE                | <br>TE Part # 63486-1<br>MAG-MATE 110 FAST TAB 020 TPBR  |
| <br>TE Part # 63668-1<br>MAG-MATE 187 F-TAB TPBR        | <br>TE Part # 1-1579018-9<br>INSERTION TOOL             | <br>TE Part # 63711-2<br>TAB 187 MAG-MATE SLIM LN.                  | <br>TE Part # 63256-2<br>MAG-MATE 187 FAST TAB           |
| <br>TE Part # 63713-2<br>TAB,187 MAG-MATE SLIM LN 082 B | <br>TE Part # 63669-1<br>MAG-MATE 187 F-TAB TPBR        | <br>TE Part # 63585-1<br>MAG-MATE 27-23 187 F TAB TPBR              | <br>TE Part # 1742035-1<br>TAB,187 X 032 FASTON,MAG-MATE |





TE Part # 62514-2  
[MAG-MATE 27-23 187 F TAB TPBR](#)

Also in the Series | [MAG-MATE 300](#)



[Magnet Wire Terminals\(78\)](#)

Customers Also Bought



TE Part #5-160432-4  
[250 FASTON REC 20-16 AWG TPBR](#)



TE Part #735075  
[250 FASTON HSG. REC. 1P CLEAR](#)



TE Part #63598-1  
[MAG-MATE 250 F-TAB TPBR](#)



TE Part #5-160558-2  
[FF 250 REC 0.5-1.5MM2 TPBR](#)



TE Part #63882-1  
[MAG-MATE 250 F-TAB TPBR](#)



TE Part #63663-1  
[MAG-MATE 22-20 187 FTAB TPBR](#)



TE Part #350810-1  
[05P UMNL CAP HSG](#)



TE Part #63665-1  
[MAG-MATE 187 FAST TAB 020TPBR](#)



TE Part #173724-1  
[187 PL EX REC. 20-14AWG PTBR](#)



TE Part #NB46072001  
[SCL-1/8-0-STK-CS34568](#)



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_63664-2\_J.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_63664-2\_J.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_63664-2\_J.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