

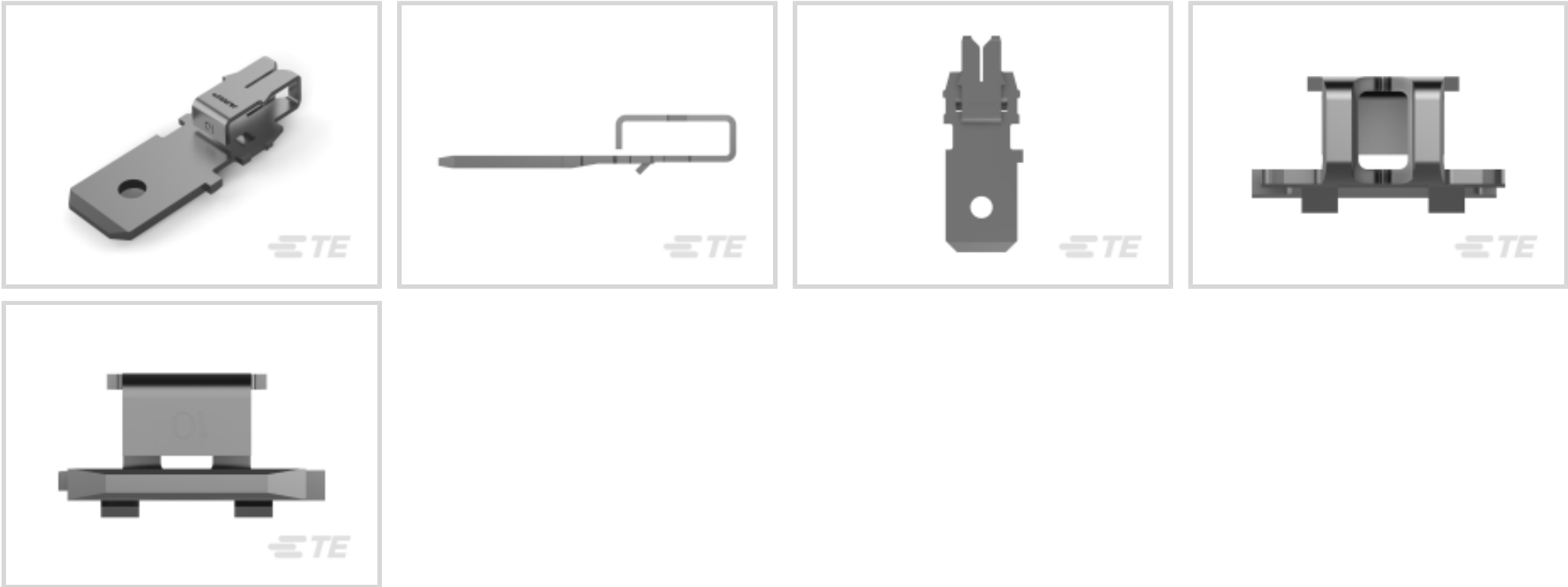


MAG-MATE

TE Internal #: 63571-1  
Tab, Mating Tab Width 6.35 mm [.25 in], Size 3, .36 – .57 mm  
Magnet Wire, 27 – 23 AWG Magnet Wire, MAG-MATE, Magnet  
Wire Terminals

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Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Tab**  
Mating Tab Width: **6.35 mm [ .25 in ]**  
Mating Tab Thickness: **.8 mm [ .032 in ]**  
Compatible With Cavity Size: **Size 3**  
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 3 |
|-----------------------------|--------|

Contact Features

|                           |                 |
|---------------------------|-----------------|
| Magnet Wire Terminal Type | Tab             |
| Mating Tab Width          | 6.35 mm[.25 in] |
| Mating Tab Thickness      | .8 mm[.032 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                    | 7.68 mm[.3 in]    |
| Magnet Wire Size                   | .36 – .57 mm      |
| Stock Thickness (Magnet Wire Side) | .41 mm[.016 in]   |
| Product Length                     | 18.97 mm[.747 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 | 7000              |
| 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: 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

|                                                        |                                                           |                                                         |                                                        |
|--------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------|
| <br>TE Part # 63128-3<br>TAB, .250 FASTON,MAG-MATE     | <br>TE Part # 62657-1<br>MAG-MATE 250FTAB 27-23 016TPBR   | <br>TE Part # 63601-2<br>MAG-MATE 250 FAST TAB 22-20    | <br>TE Part # 63571-2<br>TAB 250 FASTON MAG-MATE       |
| <br>TE Part # 63614-1<br>MAG-MATE 250 TAB 19-17 TPBR   | <br>TE Part # 1742398-1<br>TAB,FASTON,250 SERIES,MAG-MATE | <br>TE Part # 62652-2<br>MAG-MATE 250FTAB 27-23 016TPBR | <br>TE Part # 63920-1<br>MAG-MATE 250F TAB 27-23 TPBR  |
| <br>TE Part # 63499-1<br>MAG-MATE 250 F TAB 30-27 TPBR | <br>TE Part # 63128-1<br>MAG-MATE 250 F TAB 27-23 TPBR    | <br>TE Part # 63132-1<br>MAG-MATE 250 F TAB 30-27 TPBR  | <br>TE Part # 63309-1<br>MAG-MATE 250 F-TAB 33-31 TPBR |
| <br>TE Part # 63499-2<br>MAG-MATE 250 F TAB 30-27 TPBR | <br>TE Part # 63618-1<br>MAG-MATE 250FTAB 31-28TPBR       |                                                         |                                                        |

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



Insertion & Extraction Tools(6)



Magnet Wire Terminals(337)



PCB Terminals(1)

Customers Also Bought



TE Part #770030-1  
15P UMNLI IN-LINE CAP HSG KIT



TE Part #2-1445050-3  
MICRO MNL HDR ASSY S/ROW LF



TE Part #42742-2  
250 FASTON FLAG REC 18-12 AWG TPBR

Documents

Product Drawings

MAG-MATE 250 F-TAB 27-23 TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_63571-1\_M.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_63571-1\_M.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_63571-1\_M.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

Application Specification

63571-1

Tab, Mating Tab Width 6.35 mm [.25 in], Size 3, .36 – .57 mm Magnet Wire, 27 – 23  
AWG Magnet Wire, MAG-MATE, Magnet Wire Terminals



Japanese

**MAG-MATE Standard Series .300 Box Height Special Latch Type Terminal**

Japanese