

62652-1 ✓ ACTIVE

MAG-MATE

TE Internal #: 62652-1

Magnet Wire Terminals, Tab, Mating Tab Width .25 in [6.35 mm],

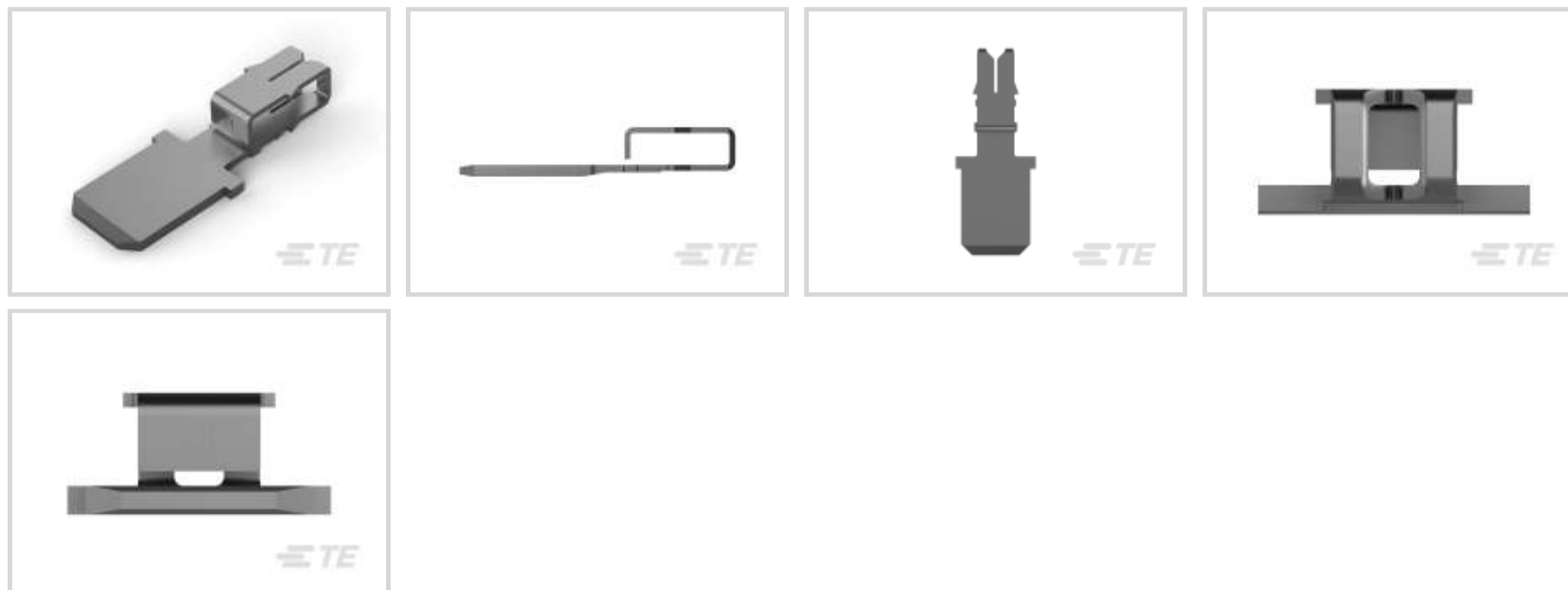
Size 2, .36 – .57 mm Magnet Wire, 27 – 23 AWG Magnet Wire,

MAG-MATE

[View on TE.com >](#)



Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Tab**

Mating Tab Width: **6.35 mm [.25 in]**

Mating Tab Thickness: **.8 mm [.033 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

6.35 mm [.25 in]

Mating Tab Thickness

.8 mm [.033 in]

Terminal Plating Material

Tin

Terminal Orientation

Straight

Termination Features

Termination Method to Wire & Cable

Insulation Displacement (IDC)

Mechanical Attachment

Mating Retention Type

Dimple

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 | 18.97 mm[.746 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 |
|-----------------------|----|

Industry Standards

| | |
|-----------------|---------------------------|
| Agency/Standard | RU (UL Component Program) |
|-----------------|---------------------------|

Packaging Features

| | |
|--------------------|-------------------|
| Packaging Quantity | 7500 |
| Packaging Method | Reel, Reel/Carton |

Other

| | |
|-----------------------------|--|
| Terminals & Splices Comment | After insertion into plastic cavity, tab portion must be bent over 45°-90° or potted in to prevent pullout when mating receptacle is disconnected., Half hard temper brass, Two magnet wires may be terminated in the same terminal slot if diameters are equal. |
|-----------------------------|--|

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 63128-3
TAB, .250 FASTON, MAG-MATE



TE Part # 62657-1
MAG-MATE 250FTAB 27-23 016TPBR



TE Part # 63571-2
TAB 250 FASTON MAG-MATE



TE Part # 63920-1
MAG-MATE 250F TAB 27-23 TPBR




TE Part # 274282-1
INSERTION TOOL



TE Part # 62658-1
MAG-MATE 250FTAB 22-20 016TPBR


Also in the Series | MAG-MATE



Insertion & Extraction Tools(6)

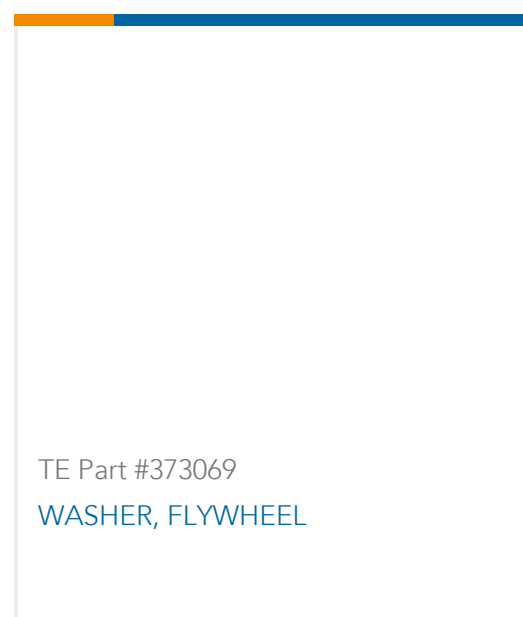


Magnet Wire Terminals(435)



PCB Terminals(1)

Customers Also Bought



Documents

Product Drawings

[MAG-MATE 250FTAB 27-23 016TPBR](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_62652-1_AK.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_62652-1_AK.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_62652-1_AK.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

Product Environmental Compliance

Product Compliance

English

Product Compliance

English