

62652-1 ✓ ACTIVE

MAG-MATE

TE Internal #: 62652-1

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

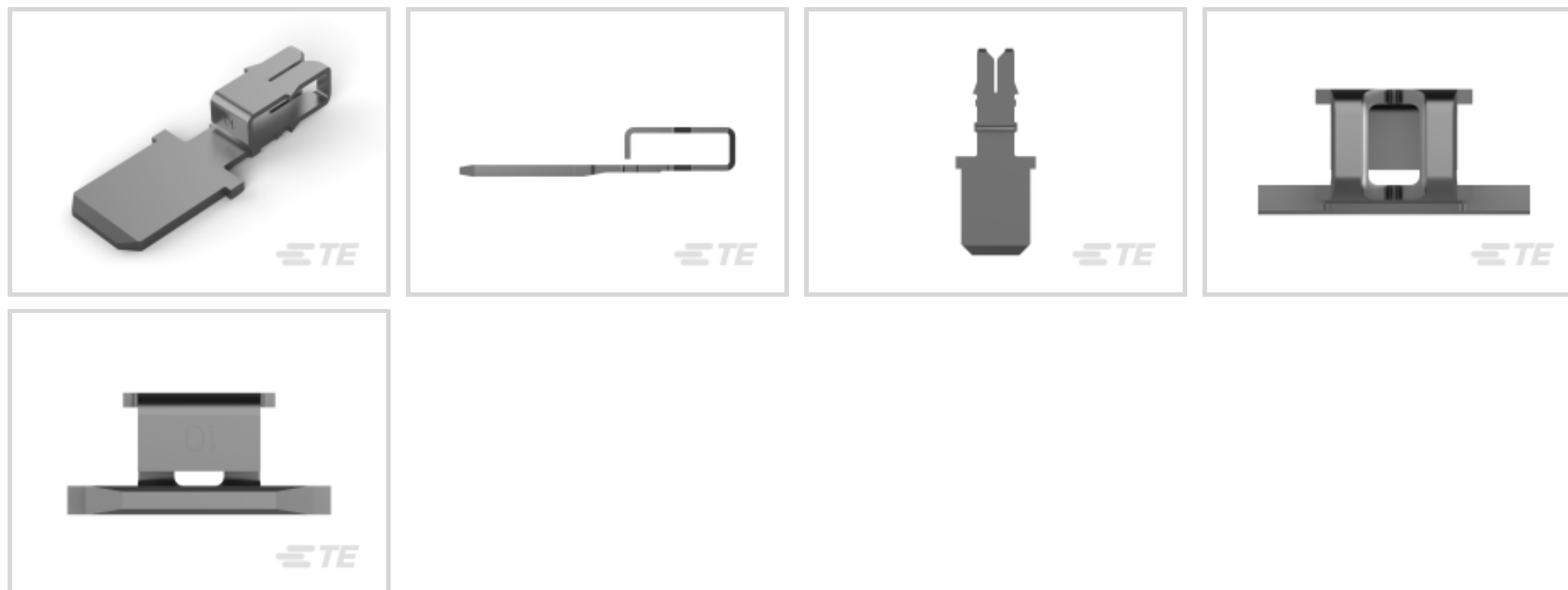
Size 2, 27 – 23 AWG Magnet Wire, .36 – .57 mm Magnet Wire,

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

Contact 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]
Overall 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

RU (UL Component Program)	Approved
---------------------------	----------

Packaging Features

Packaging Quantity	7500
Packaging Method	Reel, Reel/Carton

Other

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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(7)



Magnet Wire Terminals(462)



PCB Terminals(1)



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