



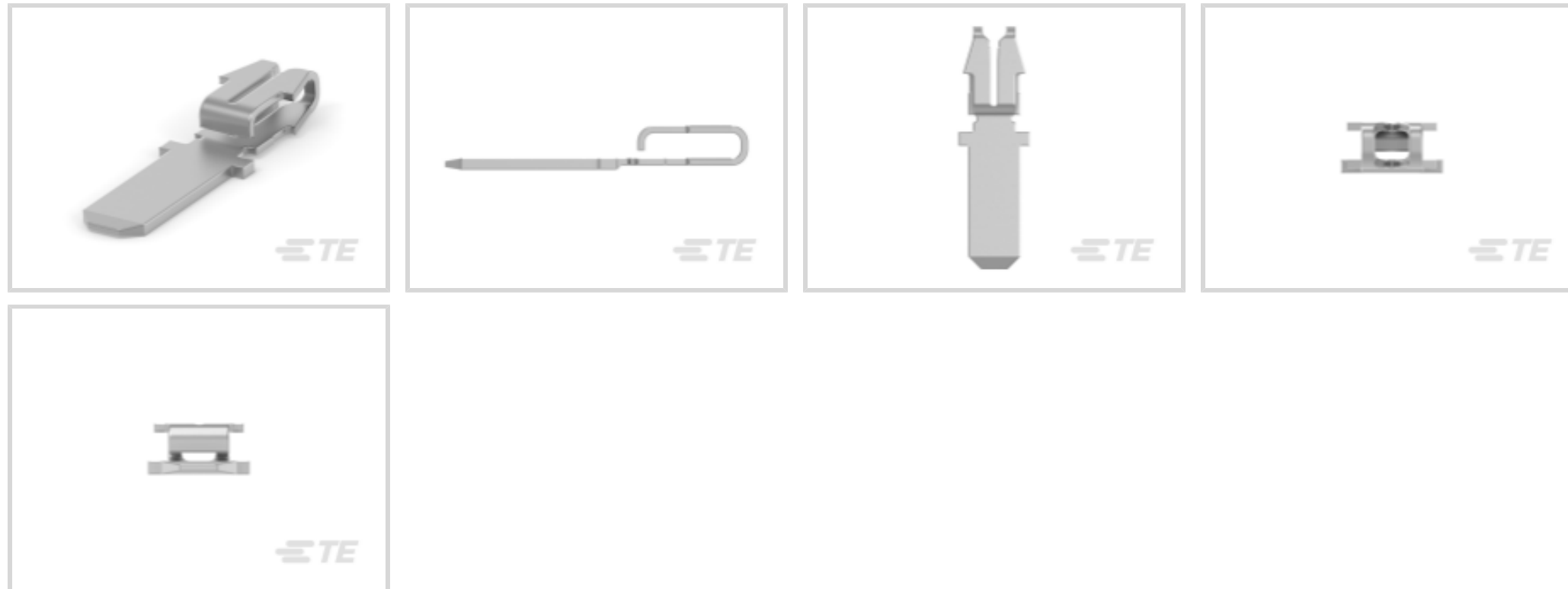
MAG-MATE

TE Internal #: 160897-2

Magnet Wire Terminals, Solder Post, Mating Tab Width .11 in [2.79 mm], Size 1, Lead Wire Size 24 – 22 AWG, Lead Wire Size .205 – .326 mm², MAG-MATE

[View on TE.com >](#)

Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Solder Post**

Mating Tab Width: **2.79 mm [.11 in]**

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

Compatible With Cavity Size: **Size 1**

Lead Wire Size: **.205 – .326 mm²**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid
Sealable	No

Body Features

Compatible With Cavity Size	Size 1
-----------------------------	--------

Contact Features

Magnet Wire Terminal Type	Solder Post
Mating Tab Width	2.79 mm[.11 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)
------------------------------------	-------------------------------

Dimensions

--	--



Terminal Height	4.75 mm[.187 in]
Lead Wire Size	24 – 22 AWG
Magnet Wire Size	.51 – .64 mm
Stock Thickness (Magnet Wire Side)	.5 mm[.02 in]
Overall Product Length	13 mm[.511 in]

Usage Conditions

Insulation Option	Uninsulated
-------------------	-------------

Operation/Application

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

Identification Marking

Identification Number	13
-----------------------	----

Packaging Features

Packaging Method	Reel/Carton
------------------	-------------

Other

Comment	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 # 62439-1
MAG-MATE POST 22-24 013 TPBR



TE Part # 62874-1
MAG-MATE POST 27-30 013 TPBR



TE Part # 62938-1
MAG-MATE POST 33-31 010 TPBR



TE Part # 63818-1
TERM MAG-MATE POST 30-28TPCUBR



TE Part # 63819-1
TERM MAG-MATE POST 24-22TPCUBR



TE Part # 160809-2
MAG-MATE WITH TAB



TE Part # 160810-2
MAG MATE WITH TAB



TE Part # 62438-1
MAG-MATE POST 25-27 013 TPBR



TE Part # 1217931-1
TAB,187 FASTON, MAG-MATE



TE Part # 1987199-1
BRIDGE CONTACT




TE Part # 2238087-1
MAG-MATE TAB 34-33 CU / 33-31 AL TPBR




TE Part # 63161-2
MINI MAG-MATE 110F TAB 38-30TP PH BRZ


Also in the Series | MAG-MATE



Insertion & Extraction Tools(7)



Magnet Wire Terminals(462)



PCB Terminals(1)



Documents

Product Drawings

MAG MATE WITH TAB

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_160897-2_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_160897-2_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_160897-2_B.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