



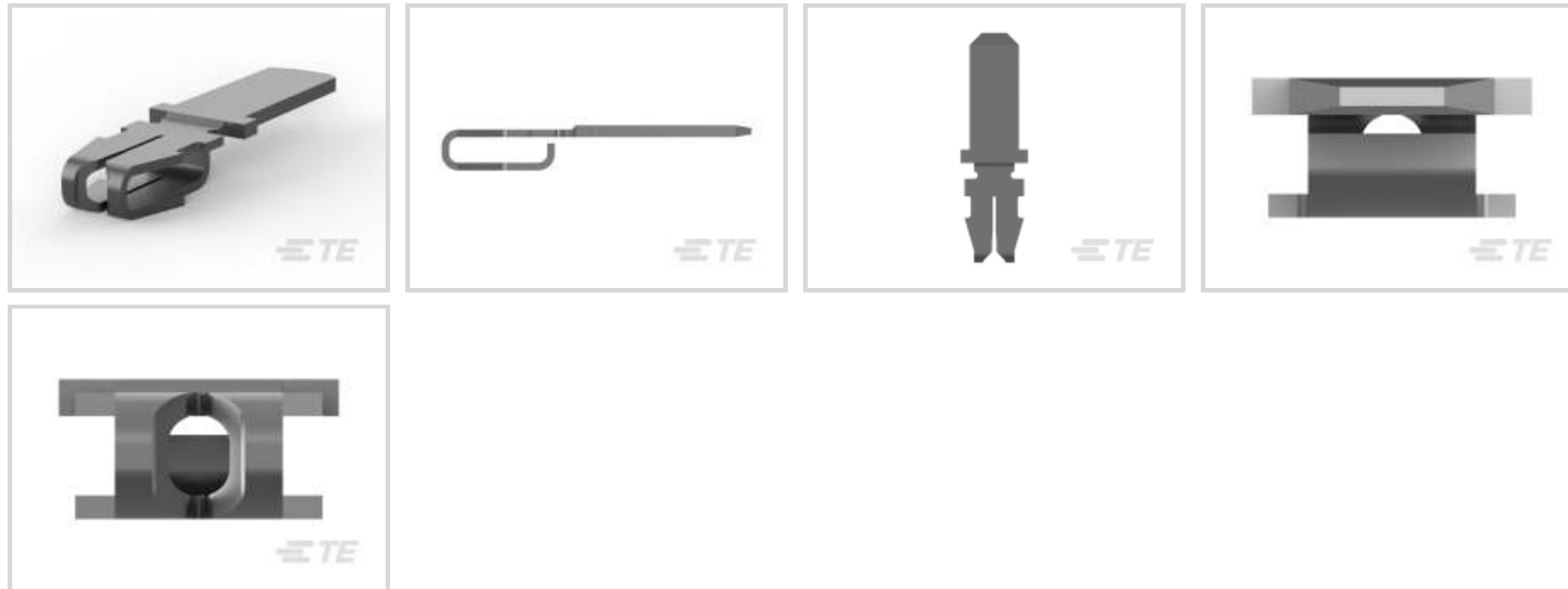
**MAG-MATE**

TE Internal #: 160810-2

Magnet Wire Terminals, Solder Post, Mating Tab Width .11 in [2.79 mm], Size 1, .25 – .32 mm Magnet Wire, 30 – 28 AWG Magnet Wire, 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**

Magnet Wire Size: **30 – 28 AWG**

**Features**

**Product Type Features**

Compatible With Discrete Wire Type	Magnet Wire, Solid
------------------------------------	--------------------

**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]
-----------------	------------------



Magnet Wire Size	.25 – .32 mm
Stock Thickness (Magnet Wire Side)	.5 mm [.02 in]
Product Length	13 mm [.511 in]

### Usage Conditions

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

### Operation/Application

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

### Identification Marking

Identification Number	6
-----------------------	---

### Packaging Features

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

### Other

Terminals & Splices 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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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 # 62874-1  
MAG-MATE POST 27-30 013 TPBR



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



TE Part # 63777-1  
MAG-MATE 187 F TAB 30-27 TPBR



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



TE Part # 160809-2  
MAG-MATE WITH TAB



TE Part # 62430-1  
MAG-MATE POST 28-30 013 TPBR



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



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



TE Part # 160897-2  
MAG MATE WITH TAB



TE Part # 1987199-1  
BRIDGE CONTACT



TE Part # 63711-2  
TAB 187 MAG-MATE SLIM LN.

## Also in the Series | MAG-MATE



Insertion & Extraction Tools(7)



Magnet Wire Terminals(435)



PCB Terminals(1)

## Customers Also Bought



TE Part #DTM04-6P-EE04  
REC, 6P, BLK, N, HIGH TEMP



TE Part #197036-000  
STD03Y-1



TE Part #1601140-1  
153-001-000=LEADLOK2,SMZ



TE Part #62935-1  
MAG-MATE TERM 27-23 016 TPBR



TE Part #63340-1  
MAG-MATE 187 FTAB #23 TPBR

## Documents

### Product Drawings

#### MAG MATE WITH TAB

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_160810-2\\_E.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_160810-2\\_E.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_160810-2\\_E.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