

1987500-1 ✓ ACTIVE



## MAG-MATE

TE Internal #: 1987500-1

Magnet Wire Terminals, Solder Post, Mating Tab Width .039 in [1 mm], Size 1, .27 – .34 mm Magnet Wire, 29.5 – 28 AWG Magnet Wire, MAG-MATE

[View on TE.com >](#)

Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Solder Post**

Mating Tab Width: **1 mm [ .039 in ]**

Mating Tab Thickness: **.32 mm [ .012 in ]**

Compatible With Cavity Size: **Size 1**

Magnet Wire Size: **29.5 – 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	1 mm[.039 in]
Mating Tab Thickness	.32 mm[.012 in]
Terminal Plating Material	Tin
Terminal Orientation	Straight

#### Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
------------------------------------	-------------------------------

#### Mechanical Attachment

Mating Retention Type	Barbs
-----------------------	-------

### Dimensions

Terminal Height	3.4 mm[.133 in]
Magnet Wire Size	.27 – .34 mm
Stock Thickness (Magnet Wire Side)	.32 mm[.013 in]
Product Length	7.1 mm[.28 in]

### Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-65 – 150 °C[-85 – 302 °F]

### Operation/Application

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

### Packaging Features

Packaging Quantity	60000
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 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 # 1740419-1  
MAG-MATE PIN CONTACT




TE Part # 1742857-1  
TAB, PLAIN, 187 MAG-MATE SLIM



TE Part # 1742858-1  
TAB, PLAIN, 187 MAG-MATE SLIM



TE Part # 1534682-1  
MAG-MATE CONTACT .187, WITH SOLDER PIN



TE Part # 1-1534686-7  
MAG-MATE CONTACT WITH SOLDER PIN



TE Part # 1534681-1  
MAG-MATE CONTACT .187 WITH SOLDER PIN



TE Part # 1740829-2  
MAG MATE CONTACT WITH SOLDER PIN



TE Part # 1534686-1  
MAG MATE CONT WITH SOLDER PIN



TE Part # 1987501-1  
MAG-MATE WITH SOLDER PIN SIZE 0.187



TE Part # 1-1534686-1  
MAG MATE CONT WITH SOLDER PIN



TE Part # 1534680-1  
MAG MATE CONT 187, SOLDER PIN



TE Part # 1534686-7  
MAG-MATE CONTACT WITH SOLDER PIN



TE Part # 1740698-2  
MAG-MATE TERMINAL W. EXTENDED LEAF-SPRING

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



Insertion & Extraction Tools(6)



Magnet Wire Terminals(435)



PCB Terminals(1)

## Customers Also Bought



TE Part #1987501-1  
MAG-MATE WITH SOLDER PIN SIZE  
0.187



TE Part #6-1372611-8  
Magmate Tool - EBM Papst

## Documents

### Product Drawings

#### MAG-MATE WITH SOLDER PIN SIZE 0.187

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1987500-1\\_B\\_c-1987500-1-b.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1987500-1\\_B\\_c-1987500-1-b.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1987500-1\\_B\\_c-1987500-1-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

#### CAVITY FOR MAG-MATE CONTACT WITH SOLDER PIN

English

### Product Specifications

#### Application Specification



English

---

**Product Environmental Compliance**

**Product Compliance**

English

**Product Compliance**

English