

1217688-1 ✓ ACTIVE



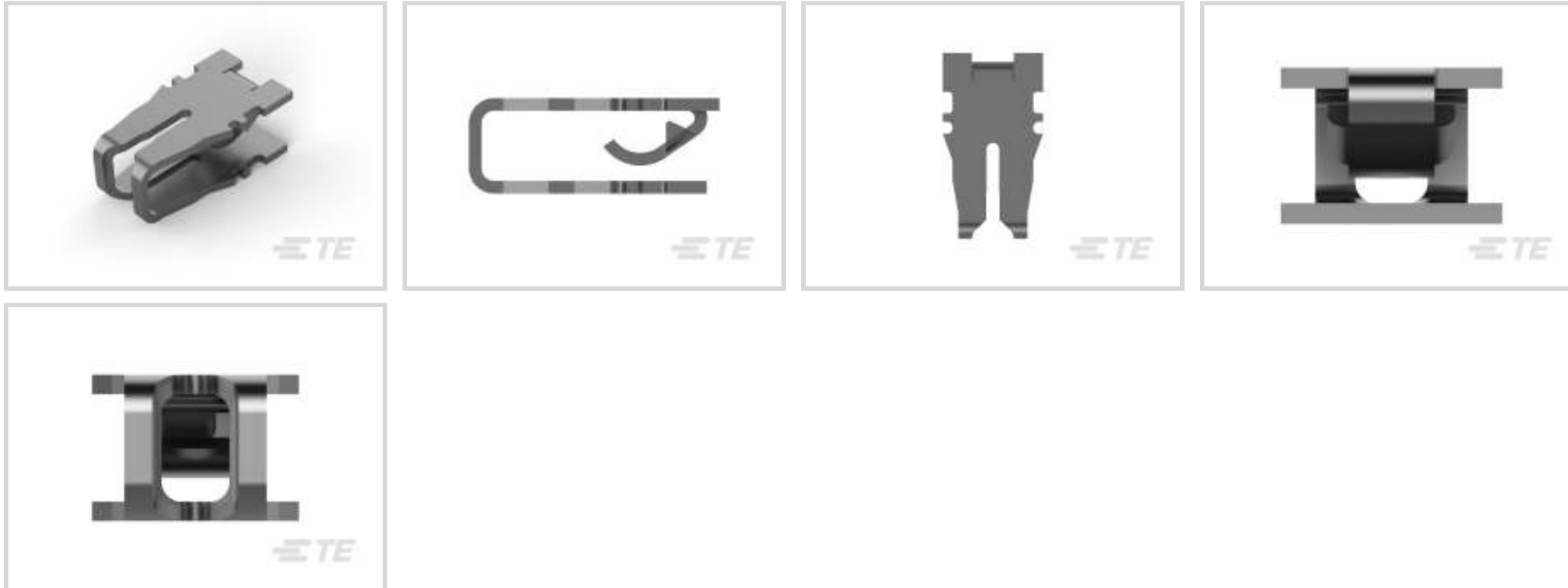
## MAG-MATE

TE Internal #: 1217688-1

Magnet Wire Terminals, Poke-In, Size 2, .68 – .81 mm Magnet Wire, 21.5 – 20 AWG Magnet Wire, Insulation Displacement (IDC), Tin Plating, MAG-MATE

[View on TE.com >](#)

Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Poke-In**

Compatible With Cavity Size: **Size 2**

Magnet Wire Size: **.68 – .81 mm**

Termination Method to Wire & Cable: **Insulation Displacement (IDC)**

## 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	Poke-In
---------------------------	---------

Terminal Plating Material	Tin
---------------------------	-----

Contact Underplating Material	Nickel
-------------------------------	--------

Terminal Orientation	Twisted
----------------------	---------

### Termination Features

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

### Dimensions

Terminal Height	7.62 mm[.3 in]
-----------------	----------------

Magnet Wire Size	.68 – .81 mm
------------------	--------------

Stock Thickness (Magnet Wire Side)	.41 mm[.016 in]
------------------------------------	-----------------



Product Length	15.5 mm[.61 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 Method	Reel, Reel/Carton
------------------	-------------------

### Other

Terminals & Splices Comment	Enhanced anti-overstress behind Poke-In feature for severe applications., Part does not accept lead wires., Single magnet wire only., With strain relief.
-----------------------------	---

## 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 # 62833-1  
 MAG-MATE POKE-IN TERM 016TPBR



TE Part # 1217355-1  
 MAG-MATE TERM 16-15 0157 TPNBR



TE Part # 1217853-1  
 TERM,SPL,TRI-SLOT,MAG-MATE



TE Part # 63591-1  
 MAG-MATE TERM #20 016TPBR



TE Part # 1217082-1  
 TERM MAG-MATE 25-22 016 TPPHBZ



TE Part # 1217824-1  
 TERM,POKE-IN,MAG-MATE



TE Part # 1217358-1  
 MAG-MATE TERM 23-21 0157 TPNBR



TE Part # 1742483-1  
 SPEC LEAF,300 SERIES,MAG-MATE,



TE Part # 62833-4  
 TERMINAL,POKE-IN,MAG-MATE



TE Part # 1217689-1  
 SPECIAL LEAF CONTACT,300 SERIE



TE Part # 1217209-1  
 TERM SPL TRISLOT 300 MTA MAG



TE Part # 1217690-1  
 SPECIAL LEAF CONTACT,300 SERIE



TE Part # 1217757-1  
 TERM,POKE-IN,LP, MAG-MATE



TE Part # 737434-2  
 MAG-MATE POKE-IN TERMINAL

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



Insertion &amp; Extraction Tools(6)



Magnet Wire Terminals(435)



PCB Terminals(1)

## Customers Also Bought



## Documents

### Product Drawings

#### SPECIAL LEAF CONTACT,300 SERIE

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1217688-1\\_D.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1217688-1\\_D.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1217688-1\\_D.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