

1740419-1 ✓ ACTIVE



## MAG-MATE

TE Internal #: 1740419-1

Magnet Wire Terminals, Pin, .72 mm Magnet Wire, 21 AWG

Magnet Wire, Insulation Displacement (IDC), Barbs Mating

Retention Type, MAG-MATE

[View on TE.com >](#)

Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Pin**

Mating Pin Diameter: **3.18 mm [ .125 in ]**

Magnet Wire Size: **.72 mm**

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

## Features

### Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid
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### Contact Features

Magnet Wire Terminal Type	Pin
Mating Pin Diameter	3.18 mm[.125 in]
Terminal Plating Material	Unplated
Terminal Orientation	Left Hand

### Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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### Mechanical Attachment

Mating Retention Type	Barbs
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### Dimensions

Terminal Height	7.6 mm[.299 in]
Magnet Wire Size	.72 mm
Stock Thickness (Magnet Wire Side)	.32 mm[.013 in]



Product Length	19 mm[.748 in]
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### Usage Conditions

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

### Operation/Application

Compatible With Wire Base Material	Copper
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### Packaging Features

Packaging Quantity	5000
Packaging Method	Reel, Reel/Carton

### Other

Terminals & Splices Comment	Two magnet wires may be terminated in the same terminal slot if diameters are equal.
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## 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 # 1740418-1  
MAG-MATE PIN CONTACT



TE Part # 1740417-1  
MAG-MATE PIN CONTACT



TE Part # 1394475-1  
MAG MATE ST-KONT2,0



TE Part # 1987500-1  
MAG-MATE WITH SOLDER PIN SIZE 0.187



TE Part # 1217460-1  
TAB, MAG-MATE 059 X 032,LH 187



TE Part # 1217886-1  
TAB,059 SERIES,LH,MAG MATE



TE Part # 1394476-1  
MAG MATE ST-KONT2,0



TE Part # 160899-2  
MAG-MATE POKE-IN



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



TE Part # 1740698-3  
MAG-MATE TERMINAL W. EXTENDED LEAF-SPRING




TE Part # 2178472-1  
MAG MATE PIN CONTACT



TE Part # 63444-1  
MAG-MATE 048 PIN LH 010TPBR

## Also in the Series | MAG-MATE



Insertion & Extraction Tools(7)



Magnet Wire Terminals(435)



PCB Terminals(1)

## Customers Also Bought



## Documents

### Product Drawings

#### MAG-MATE PIN CONTACT

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1740419-1\\_C\\_c-1740419-1-c.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1740419-1\\_C\\_c-1740419-1-c.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1740419-1\\_C\\_c-1740419-1-c.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

#### Application Specification

English

### Product Environmental Compliance

#### Product Compliance

English

#### Product Compliance

English

### Instruction Sheets

#### MAG-MATE CAVITY .300 SPECIAL DESIGN



English

[Instruction Sheet \(non U.S.\)](#)

English