



MAG-MATE

TE Internal #: 1740419-1

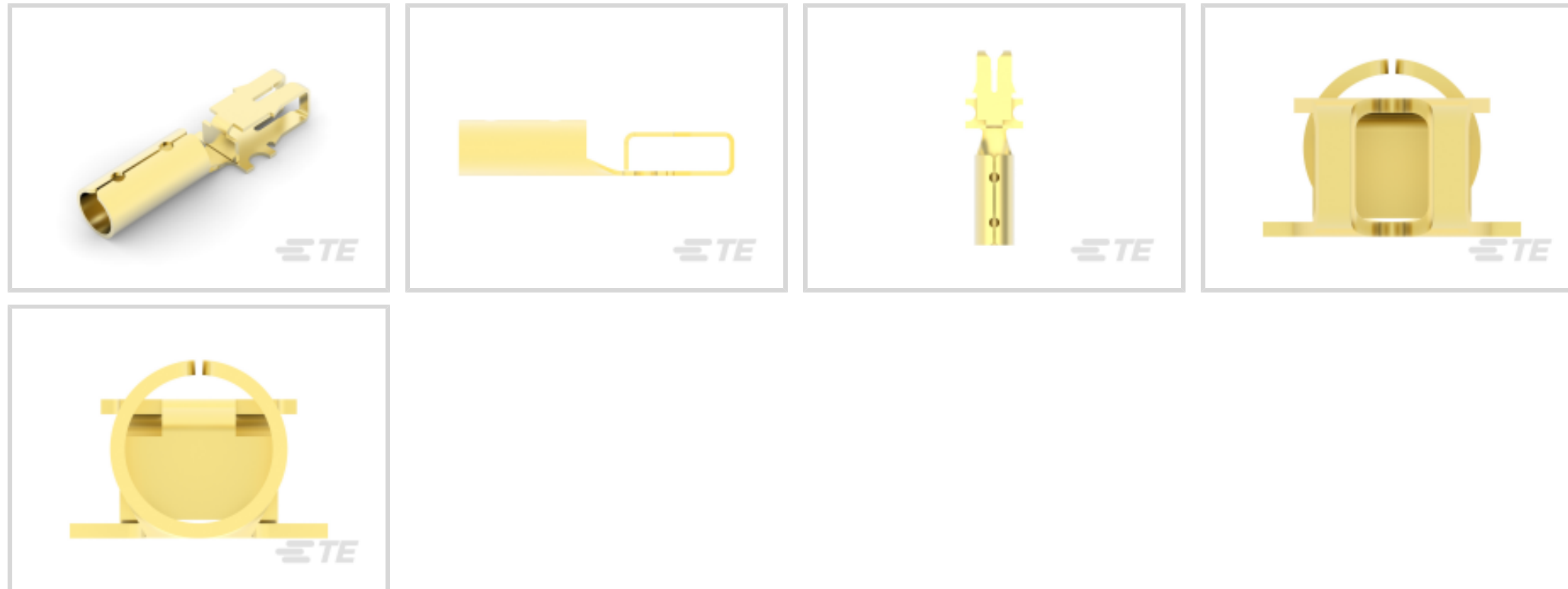
Magnet Wire Terminals, Pin, .72 mm Magnet Wire, 21 AWG

Magnet Wire, Insulation Displacement (IDC), Unplated Plating,

Length .748 in [19 mm], 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: **21 AWG**

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

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid
Sealable	No

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

Contact Mating Retention Type	Barbs
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Dimensions

Terminal Height	7.6 mm[.299 in]
Magnet Wire Size	21 AWG



Stock Thickness (Magnet Wire Side)	.32 mm[.013 in]
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Overall Product Length	19 mm[.748 in]
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Usage Conditions

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

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Quantity	5000
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Packaging Method	Reel, Reel/Carton
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Other

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
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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(8)



Magnet Wire Terminals(464)



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

1740419-1

Magnet Wire Terminals, Pin, .72 mm Magnet Wire, 21 AWG Magnet Wire, Insulation Displacement (IDC), Unplated Plating, Length .748 in [19 mm], MAG-MATE



English

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

English