

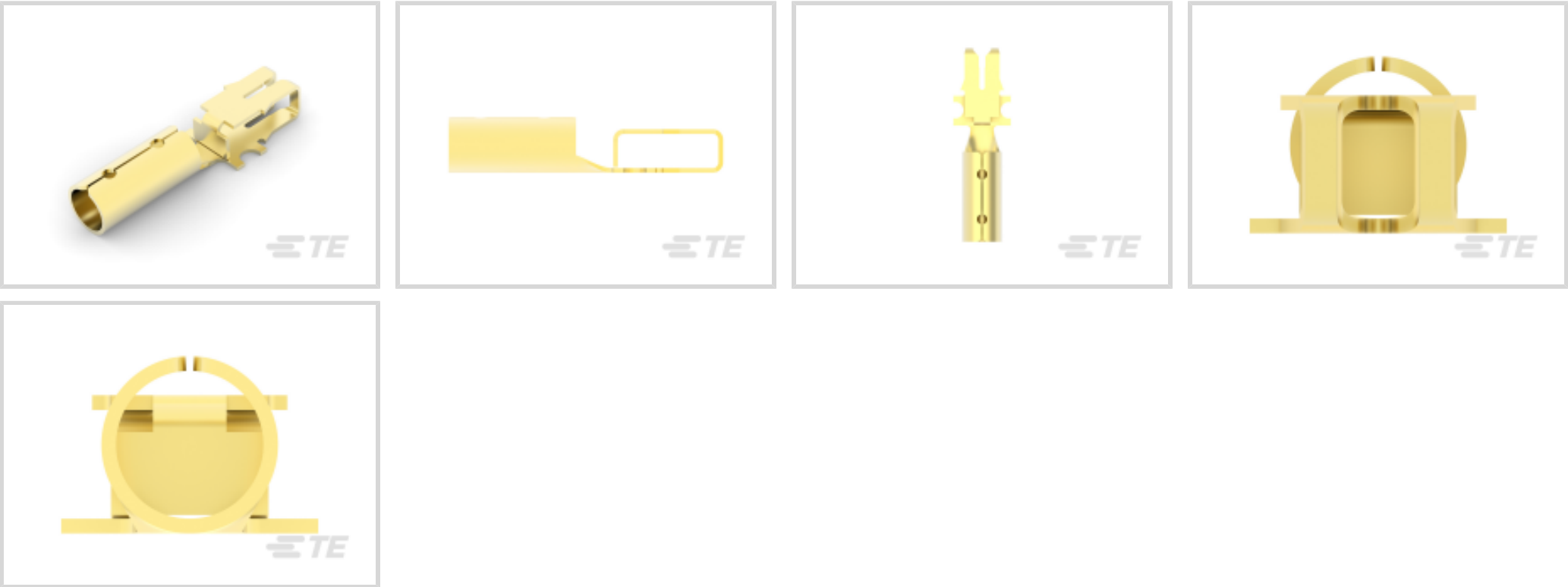


MAG-MATE

TE Internal #: 1740419-1
Pin, .72 mm Magnet Wire, 21 AWG Magnet Wire, Insulation
Displacement (IDC), Unplated Plating, 19 mm [.748 in] Length,
MAG-MATE, Magnet Wire Terminals

[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

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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





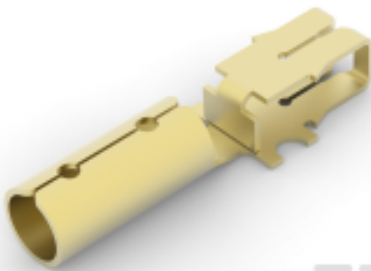
TE Part # 1394475-1
MAG MATE ST-KONT2,0



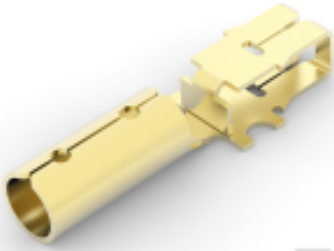
TE Part # 1740698-3
MAG-MATE TERMINAL W.
EXTENDED LEAF-SPRING



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



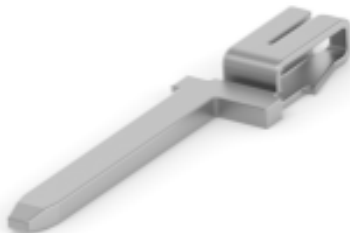
TE Part # 1740418-1
MAG-MATE PIN CONTACT



TE Part # 1740417-1
MAG-MATE PIN CONTACT



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



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



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



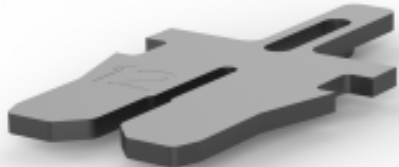
TE Part # 2178472-1
MAG MATE PIN CONTACT



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



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



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

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



Insertion & Extraction Tools(6)



Magnet Wire Terminals(329)



PCB Terminals(1)

Customers Also Bought



TE Part #1740418-1
MAG-MATE PIN CONTACT



TE Part #1740417-1
MAG-MATE PIN CONTACT



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

Instruction Sheets

MAG-MATE CAVITY .300 SPECIAL DESIGN

English

Instruction Sheet (non U.S.)

English