

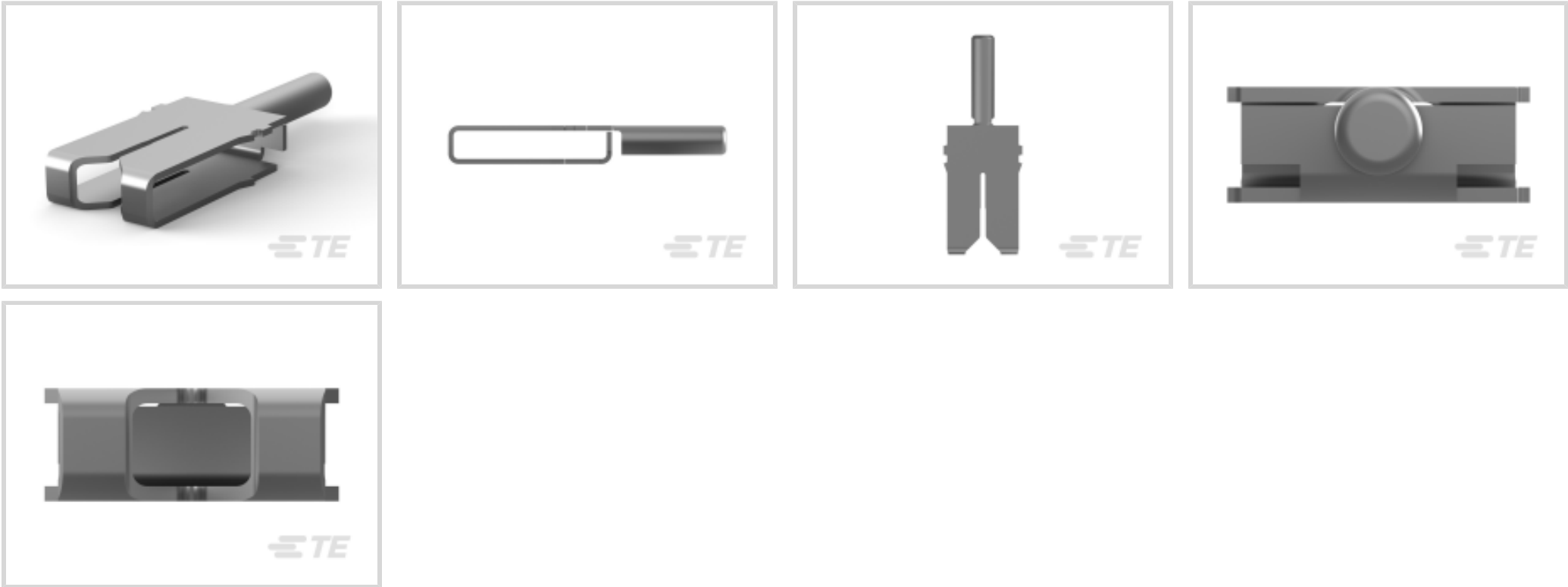


MAG-MATE

TE Internal #: 1742409-1
Pin, .64 – .81 mm Magnet Wire, 22 – 20 AWG Magnet Wire,
Insulation Displacement (IDC), Tin Plating, MAG-MATE, Magnet
Wire Terminals

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Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Pin**
Mating Pin Diameter: **2.28 mm [.09 in]**
Magnet Wire Size: **.64 – .81 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	2.28 mm[.09 in]
Terminal Plating Material	Tin
Terminal Orientation	Straight

Termination Features

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

Terminal Height	12.83 mm[.505 in]
Magnet Wire Size	.64 – .81 mm
Stock Thickness (Magnet Wire Side)	.41 mm[.016 in]
Product Length	21.82 mm[.859 in]

Usage Conditions

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Insulation Option	Uninsulated
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Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Loose Piece
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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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 1217824-1
TERM,POKE-IN,MAG-MATE

TE Part # 1217031-1
MAG-MATE 250FTAB 22-20 016TPBR

TE Part # 63278-1
MAG-MATE 090 PIN 19-17 016TPBR

TE Part # 1217065-1
MAG-MATE 22-20 187 FTAB TPBR

TE Part # 1-62511-1
MAG-MATE 22-20 187 F TAB TPBR

TE Part # 1217128-1
TAB,187FAST 300SERIES MAG-MATE

TE Part # 1217491-1
TAB FASTON 187 500 BOX MAGMATE

TE Part # 1742404-1
PIN,090 DIAM,500 SERIES,MAG-MA

TE Part # 63277-1
MAG-MATE 090 PIN 22-20 016TPBR

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

Insertion & Extraction Tools(6)

Magnet Wire Terminals(337)

PCB Terminals(1)

Customers Also Bought

TE Part #DT04-2P
REC, 2P, GRY, N

TE Part #DT06-2S
PLG, 2P, GRY, N

TE Part #W2S
Wedgelocks: DEUTSCH DT

TE Part #0460-202-16141
DEUTSCH Solid Contacts



Documents

Product Drawings

PIN,090 DIAM,500 SERIES,MAG-MA

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1742409-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1742409-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1742409-1_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

Product Specifications

Application Specification

English