

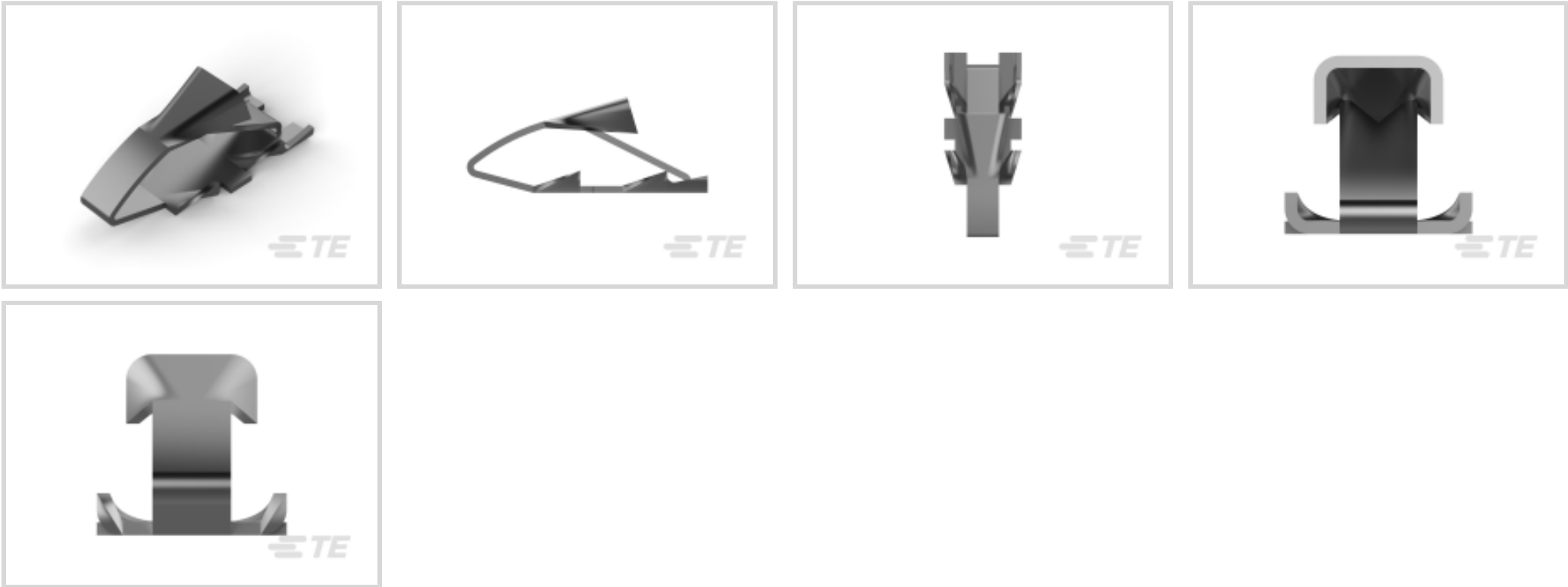
MAG-MATE

TE Internal #: 62781-1
Poke-In Magnet Wire Terminal, 52 – 42 AWG, .02 – .06 mm, 22 – 18 AWG Lead Wire, .3 – .9 mm² Lead Wire, Tin Plating, 8.77 mm [.345 in] Length, MAG-MATE

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Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Poke-In**
Compatible With Cavity Size: **Special**
Lead Wire Size: **22 – 18 AWG**
Magnet Wire Size: **52 – 42 AWG**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid
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Body Features

Compatible With Cavity Size	Special
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Contact Features

Magnet Wire Terminal Type	Poke-In
Terminal Plating Material	Tin
Terminal Orientation	Twisted

Dimensions

Terminal Height	8.76 mm[.345 in]
Lead Wire Size	22 – 18 AWG
Magnet Wire Size	.02 – .06 mm
Stock Thickness (Magnet Wire Side)	.25 mm[.01 in]
Product Length	8.77 mm[.345 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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Identification Marking

Identification Number	4
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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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 1217457-1
RECEPT. TAB, MAG-MATE

TE Part # 1217942-1
TERMINAL,POKE-IN,MAG-MATE

TE Part # 63613-1
MINI MAG-MATE 42-52 010 TPBR

TE Part # 62606-1
MINI MAG-MATE 30-38 010 TPBR

TE Part # 62431-1
MAG-MATE TERM 31-33 010 TPBR

TE Part # 62781-2
TERM MAG-MATE MINI 42-52 TPBR

TE Part # 62781-3
TERM MAG-MATE MINI 42-52 TPBR

TE Part # 62780-1
MINI MAG-MATE 36-44 010 TPBR

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

Insertion & Extraction Tools(3)

Magnet Wire Terminals(323)

PCB Terminals(1)

Customers Also Bought

TE Part #ANT-916-CW-RCL
Antenna 1/2 Wave R-Angle 916MHz RPS

TE Part #5053014024
RNF-100-1/8-4-SP

TE Part #DT06-2S-CE06
PLG, 2P, BLK, E, SEAL RET

TE Part #NB07394001
HTAT-12/3-0-SP

TE Part #5069734006
CGPT-9.5/4.8-X-SP

TE Part #63658-1
MAG MATE TERM 25-22 016TPBR

TE Part #776430-3
AS16,CAP ASSY,ST,03P,N SEAL,CODE C

TE Part #928781-2
FF 110 TAB 1.0-2.5 MM2 PTP CUZN30



Documents

Product Drawings

MINI MAG-MATE 42-52 010 TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_62781-1_BB.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_62781-1_BB.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_62781-1_BB.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

Agency Approvals

UL Report

English