



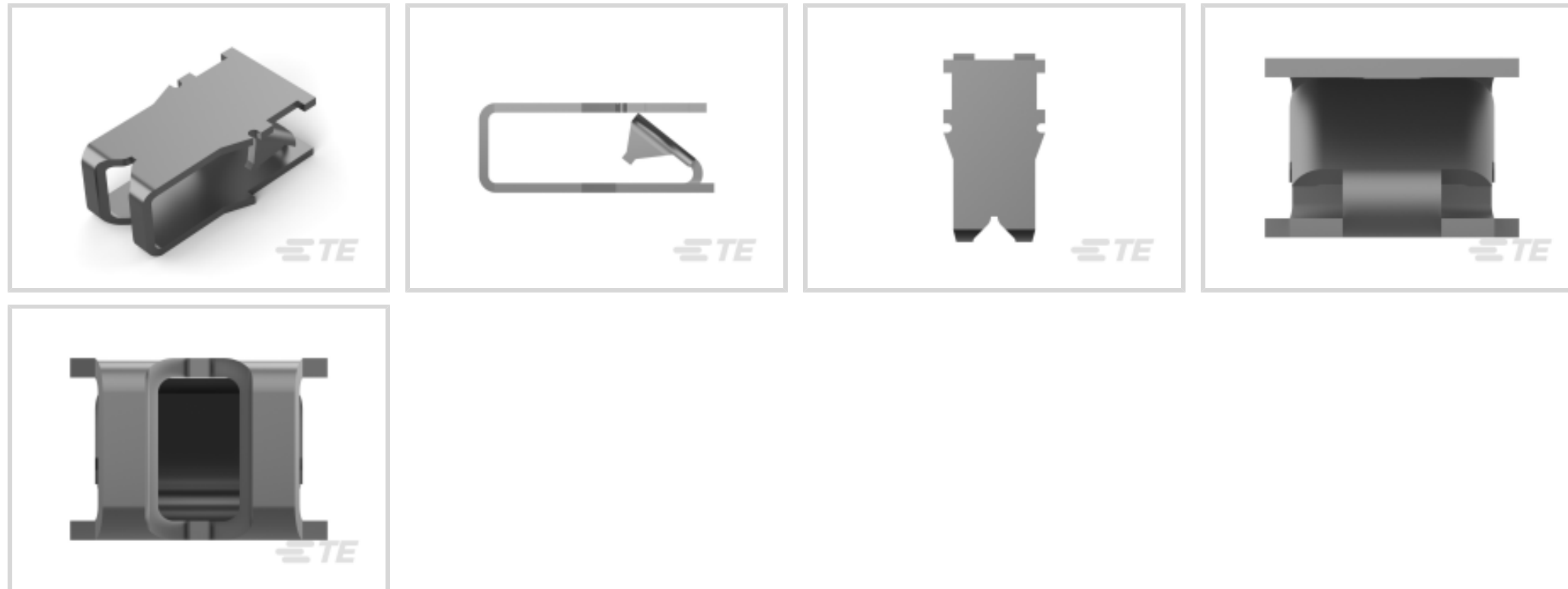
MAG-MATE

TE Internal #: 1217942-1

Magnet Wire Terminals, Poke-In, Lead Wire Size 31 – 28 AWG,
Lead Wire Size .23 – .32 mm², .23 – .32 mm Magnet Wire, 31 – 28
AWG Magnet Wire, MAG-MATE

[View on TE.com >](#)

Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Poke-In**

Lead Wire Size: **.23 – .32 mm²**

Magnet Wire Size: **31 – 28 AWG**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid
Sealable	No

Contact Features

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

Termination Features

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

Dimensions

Terminal Height	7.62 mm[.3 in]
Lead Wire Size	.23 – .32 mm ²
Magnet Wire Size	31 – 28 AWG
Stock Thickness (Magnet Wire Side)	.32 mm[.013 in]
Overall Product Length	7.87 mm[.3 in]

Usage Conditions



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

Operation/Application

Compatible With Wire Base Material	Copper
------------------------------------	--------

Packaging Features

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 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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 # 62781-1
MINI MAG-MATE 42-52 010 TPBR

TE Part # 62527-1
MAG-MATE TERM 31-32 010 TPBR

TE Part # 1217082-1
TERM MAG-MATE 25-22 016 TPPHBZ

TE Part # 1217824-1
TERM,POKE-IN,MAG-MATE

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

TE Part # 62833-2
MAG-MATE POKE-IN TERM 016TPBR

TE Part # 1217234-1
MAG-MATE TERM 28-31 013TPBR

TE Part # 1217689-1
SPECIAL LEAF CONTACT,300 SERIE

TE Part # 1718165-1
MINI MAG MATE CONTACT (LEAF SPRING)

TE Part # 1217026-1
MAG-MATE TERM 31-32 010 TPBR

TE Part # 1217690-1
SPECIAL LEAF CONTACT,300 SERIE

TE Part # 1217757-1
TERM,POKE-IN,LP, MAG-MATE

TE Part # 1742614-1
TERM,F-CRIMP,MAG-MATE

TE Part # 63532-1
MAG-MATE F CRMP 28-31 0126TPBR

TE Part # 63754-1
TERM,MAG-MATE 27-23 016TPBR

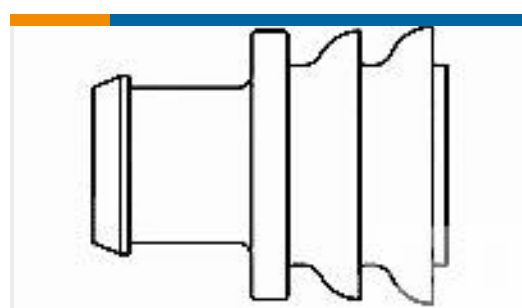
Also in the Series | **MAG-MATE**

Insertion & Extraction Tools(8)

Magnet Wire Terminals(464)

PCB Terminals(1)

Customers Also Bought



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #DT04-2P
DEUTSCH DT Series Housings & Connectors



TE Part #W2S
DEUTSCH DT WEDGELOCKS



TE Part #0460-202-16141
DEUTSCH SOLID CONTACTS



TE Part #282104-1
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT

Documents

Product Drawings

TERMINAL,POKE-IN,MAG-MATE

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1217942-1_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1217942-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1217942-1_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

Product Environmental Compliance

Product Compliance

1217942-1

Magnet Wire Terminals, Poke-In, Lead Wire Size 31 – 28 AWG, Lead Wire Size .23 – .32 mm², .23 – .32 mm Magnet Wire, 31 – 28 AWG Magnet Wire, MAG-MATE



English

[Product Compliance](#)

English