

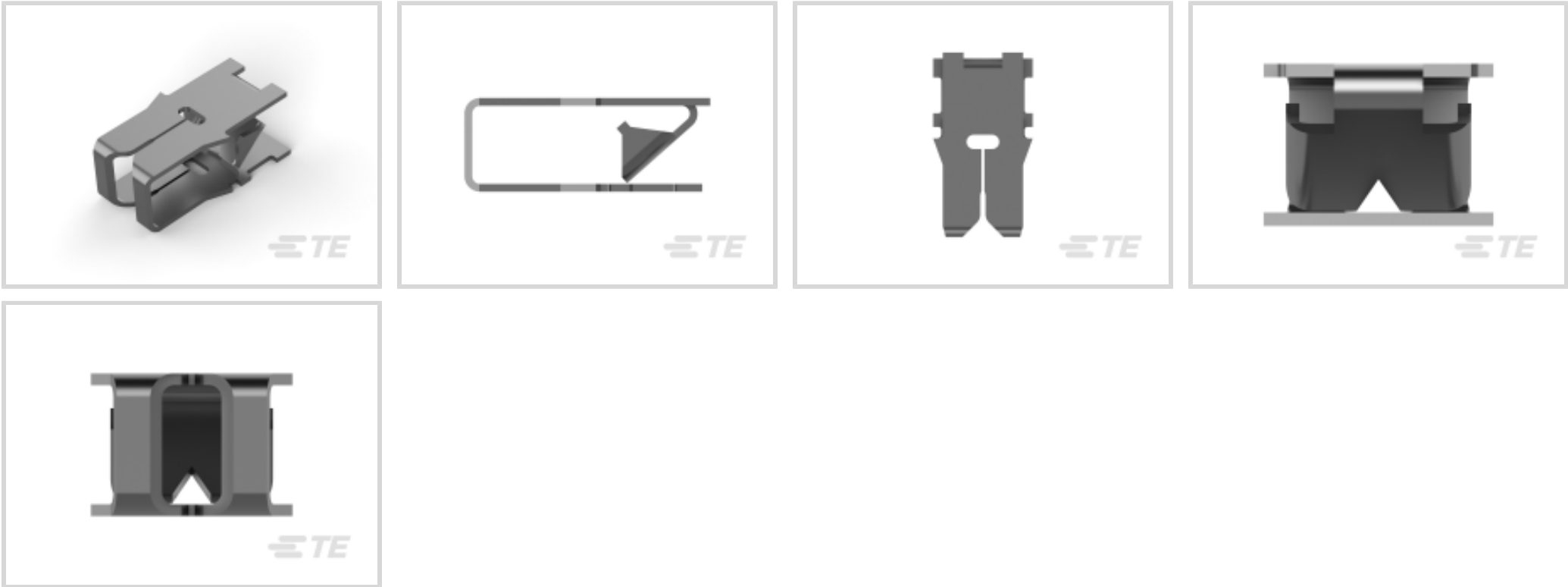
MAG-MATE

TE Internal #: 62527-1
Poke-In, 20 – 18 AWG Lead Wire, .5 – .9 mm² Lead Wire, .18 – .23 mm Magnet Wire, 33 – 31 AWG Magnet Wire, MAG-MATE, Magnet Wire Terminals

[View on TE.com >](#)



Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Poke-In**
Compatible With Cavity Size: **Size 2**
Lead Wire Size: **20 – 18 AWG**
Magnet Wire Size: **33 – 31 AWG**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid
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Body Features

Compatible With Cavity Size	Size 2
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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)
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Mechanical Attachment

Mating Retention Type	Locking
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Dimensions

Terminal Height	7.62 mm[.3 in]
Lead Wire Size	20 – 18 AWG



Magnet Wire Size	.18 – .23 mm
Stock Thickness (Magnet Wire Side)	.25 mm[.01 in]
Product Length	7.87 mm[.309 in]

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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Identification Marking

Identification Number	4
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Packaging Features

Packaging Quantity	1000
Packaging Method	Bag

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 # 63531-1
MAG-MATE F CRMP 31-33 0126TPBR

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

TE Part # 63443-1
MAG-MATE 048 PIN RH 010TPBR

TE Part # 737432-2
MAG-MATE POKE-IN TERMINAL

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

TE Part # 63662-1
MAG-MATE TERM 33-34 010TPBR

TE Part # 63879-1
MAG-MATE 048 PIN 28-31 010TPBR

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

TE Part # 1742379-1
TERMINAL,POKE-IN,MAG-MATE

TE Part # 62938-1
MAG-MATE POST 33-31 010 TPBR

TE Part # 63885-1
TERM MAG-MATE 27-30 013TPBR

Also in the Series | MAG-MATE

Insertion & Extraction Tools(6)

Magnet Wire Terminals(329)

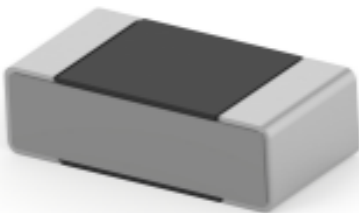
PCB Terminals(1)

Customers Also Bought





TE Part #63044-1
MAG-MATE TERM 27-23 016 TPBR



TE Part #1879125-3
RN 0402 51R1 0.1% 10PPM 5K RL



TE Part #3-640441-4
04P MTA100 CONN ASSY WHT



TE Part #4-1393104-3
KRPA-11DG-12=KRPA



TE Part #62526-1
MAG-MATE TERM 27-30 013 TPBR



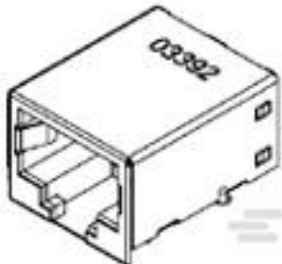
TE Part #T4110001041-000
M12,FEMALE,STRAIGHT,A CODE,4P, PG7,GOLD



TE Part #T4111001041-000
RPC-M12-MS-4CON-PG7-MU



TE Part #2-31886-2
PIDG R 22-16 COMM 22-18 MIL 8



TE Part #1888543-2
MJ,10MM,8P,SHLD,NOPNL TABS,SN

Documents

Product Drawings

MAG-MATE TERM 31-32 010 TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_62527-1_P.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_62527-1_P.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_62527-1_P.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