

62527-1 ✓ ACTIVE

MAG-MATE

TE Internal #: 62527-1

Poke-In, Size 2, Lead Wire Size 20 – 18 AWG, Lead Wire Size .5 – .9

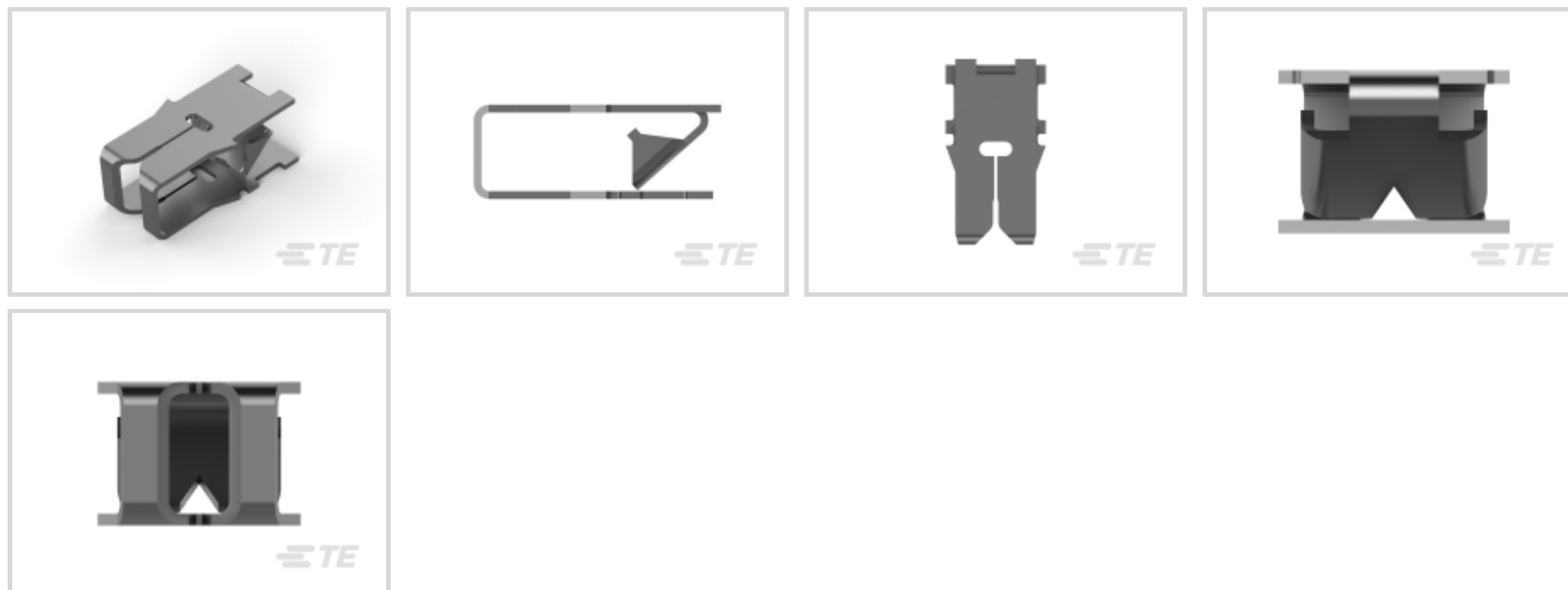
mm², .18 – .23 mm Magnet Wire, MAG-MATE, Magnet Wire

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: **.5 – .9 mm²**

Magnet Wire Size: **33 – 31 AWG**

Features

Contact Features

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

Body Features

Compatible With Cavity Size	Size 2
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Dimensions

Lead Wire Size	.5 – .9 mm ²
Magnet Wire Size	.18 – .23 mm
Stock Thickness (Magnet Wire Side)	.25 mm[.01 in]
Product Length	7.87 mm[.309 in]
Terminal Height	7.62 mm[.3 in]

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Mechanical Attachment



Mating Retention Type	Locking
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Packaging Features

Packaging Method	Bag
Packaging Quantity	1000

Operation/Application

Compatible With Wire Base Material	Copper
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Product Type Features

Compatible With Discrete Wire Type	Solid, Magnet Wire
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Usage Conditions

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

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Identification Marking

Identification Number	4
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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

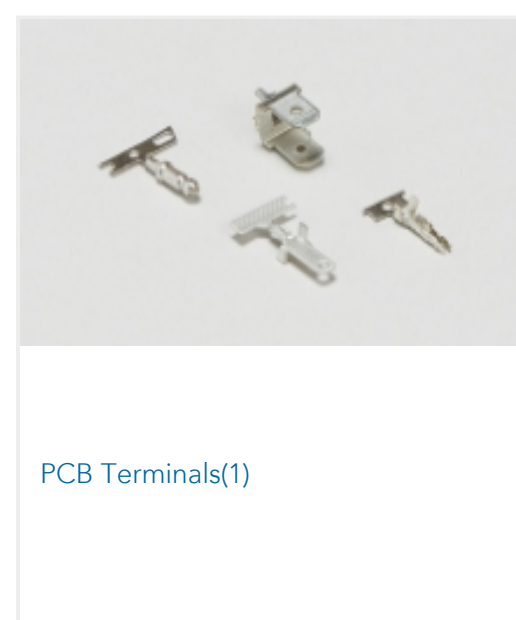
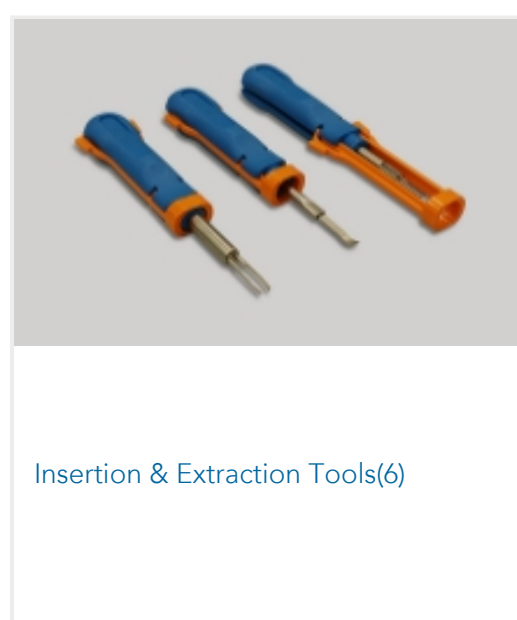
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



Also in the Series | MAG-MATE



Customers Also Bought



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