

62527-1 ✓ ACTIVE

MAG-MATE

TE Internal #: 62527-1

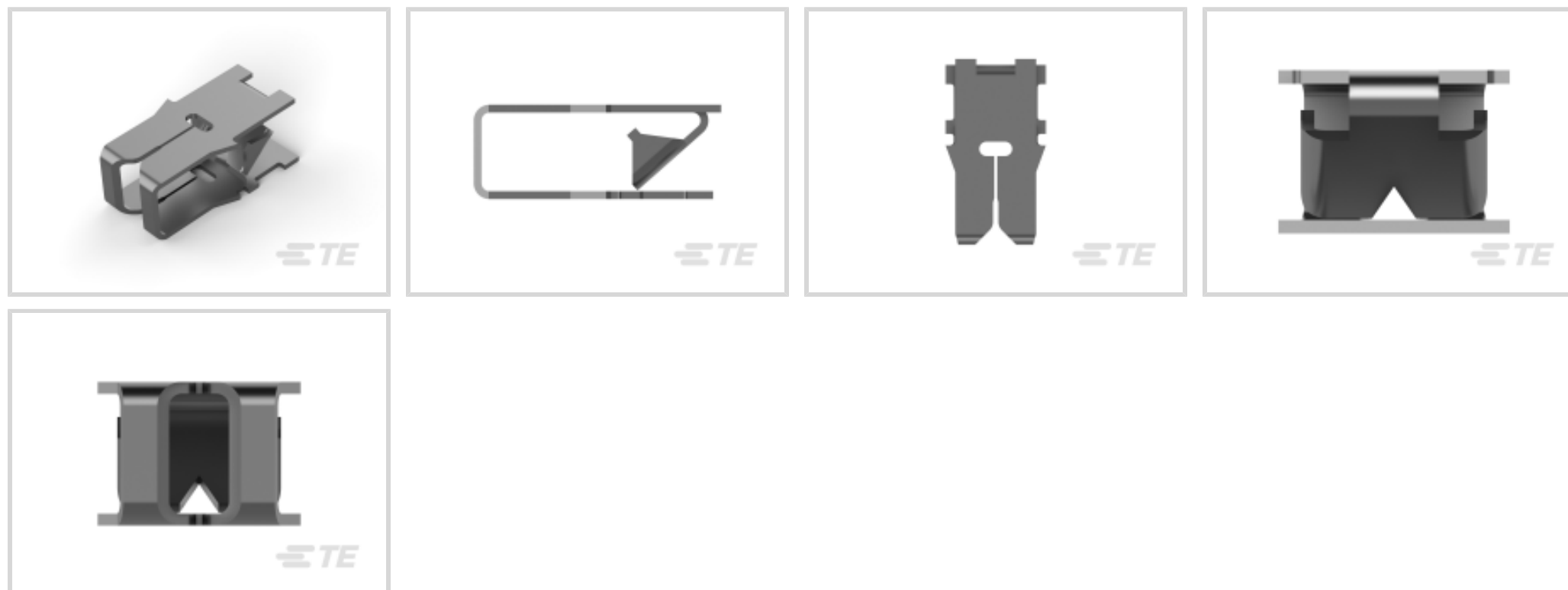
Magnet Wire Terminals, Poke-In, Size 2, Lead Wire Size 20 – 18

AWG, Lead Wire Size .5 – .9 mm², .18 – .23 mm Magnet Wire, MAG-MATE

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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: **.18 – .23 mm**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid
Sealable	No

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

Contact Mating Retention Type	Locking
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Dimensions

Terminal Height	7.62 mm [.3 in]
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Lead Wire Size	.5 – .9 mm ²
Magnet Wire Size	33 – 31 AWG
Stock Thickness (Magnet Wire Side)	.25 mm[.01 in]
Overall 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

Other

Comment	Solid or overcoated stranded lead wire only., Two magnet wires may be terminated in the same terminal slot if diameters are equal.
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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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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

 <p>TE Part # 1742379-1 TERMINAL,POKE-IN,MAG-MATE</p>	 <p>TE Part # 63662-1 MAG-MATE TERM 33-34 010TPBR</p>	 <p>TE Part # 1217942-1 TERMINAL,POKE-IN,MAG-MATE</p>	 <p>TE Part # 62938-1 MAG-MATE POST 33-31 010 TPBR</p>
 <p>TE Part # 63885-1 TERM MAG-MATE 27-30 013TPBR</p>	 <p>TE Part # 1217026-1 MAG-MATE TERM 31-32 010 TPBR</p>	 <p>TE Part # 274250-2 INSERTION TOOL</p>	 <p>TE Part # 62431-6 TERM,POKE-IN,31-33 MAG-MATE</p>
 <p>TE Part # 63253-1 MAG-MATE POST 33-31 010 TPBR</p>	 <p>TE Part # 63443-1 MAG-MATE 048 PIN RH 010TPBR</p>	 <p>TE Part # 63444-1 MAG-MATE 048 PIN LH 010TPBR</p>	 <p>TE Part # 63531-1 MAG-MATE F CRMP 31-33 0126TPBR</p>
 <p>TE Part # 63879-1 MAG-MATE 048 PIN 28-31 010TPBR</p>	 <p>TE Part # 737432-2 MAG-MATE POKE-IN TERMINAL</p>		

Also in the Series | MAG-MATE



Insertion & Extraction Tools(8)



Magnet Wire Terminals(464)



PCB Terminals(1)

Customers Also Bought



TE Part #1-1393154-2
PT570024

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

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Datasheets & Catalog Pages

[Magnet Wire Terminals & Splices](#)

English

Product Specifications

[Application Specification](#)



English

Product Environmental Compliance

Product Compliance

English

Product Compliance

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