

63591-1 ✓ ACTIVE

MAG-MATE

TE Internal #: 63591-1

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

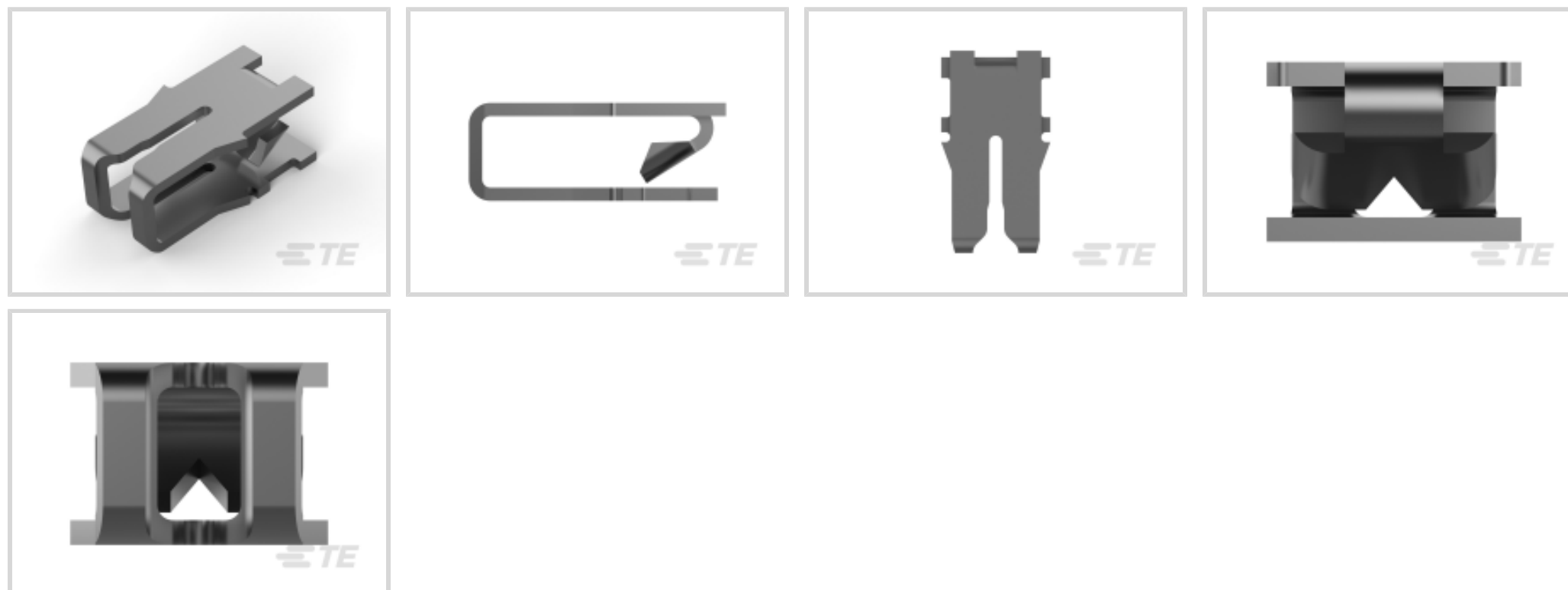
AWG, Lead Wire Size .5 – .8 mm², .81 mm Magnet Wire, 20 AWG

Magnet Wire, MAG-MATE

[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 – .8 mm²**

Magnet Wire Size: **.81 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 – .8 mm ²
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Magnet Wire Size	20 AWG
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Stock Thickness (Magnet Wire Side)	.41 mm[.016 in]
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Overall Product Length	7.87 mm[.309 in]
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Usage Conditions

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

Compatible With Wire Base Material	Aluminum, Copper
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Identification Marking

Identification Number	19
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Packaging Features

Packaging Quantity	12000
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Packaging Method	Reel, Reel/Carton
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Other

Comment	Single magnet wire only., Solid or overcoated stranded lead wire only.
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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Product Compliance Disclaimer

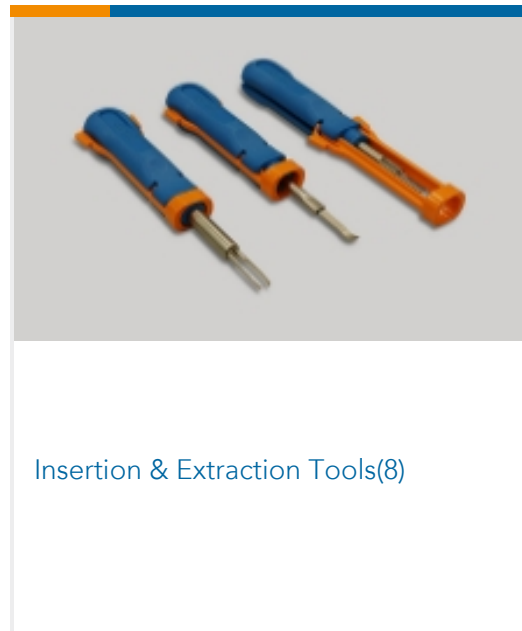
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 63632-1 MAG-MATE TRI SLOT 016TPBR</p>	 <p>TE Part # 62833-1 MAG-MATE POKE-IN TERM 016TPBR</p>	 <p>TE Part # 63658-1 MAG MATE TERM 25-22 016TPBR</p>	 <p>TE Part # 1217688-1 SPECIAL LEAF CONTACT,300 SERIE</p>
 <p>TE Part # 63662-1 MAG-MATE TERM 33-34 010TPBR</p>	 <p>TE Part # 63861-1 TERM, MAG-MATE 27-24 016TPPHBZ</p>	 <p>TE Part # 1217973-2 TERM,SPLICE,MAG-MATE</p>	 <p>TE Part # 62833-2 MAG-MATE POKE-IN TERM 016TPBR</p>
 <p>TE Part # 62833-4 TERMINAL,POKE-IN,MAG-MATE</p>	 <p>TE Part # 62912-1 MAG-MATE POKE-IN 016 TPBR</p>	 <p>TE Part # 63658-2 MAG-MATE TERM 25-22 016 TPBR</p>	 <p>TE Part # 63044-1 MAG-MATE TERM 27-23 016 TPBR</p>
 <p>TE Part # 1217974-1 TERM,SPLICE,LP,MAG-MATE</p>	 <p>TE Part # 62429-4 MAG-MATE TERM 27-30 013BR</p>	 <p>TE Part # 62841-1 MAG-MATE TERM 20-22 016 TPBR</p>	 <p>TE Part # 62842-1 MAG-MATE TERM 23-26 016 TPBR</p>



Also in the Series | MAG-MATE



Customers Also Bought



Documents

Product Drawings

[MAG-MATE TERM #20 016TPBR](#)

English

CAD Files

[3D PDF](#)

[3D](#)



Customer View Model

[ENG_CVM_CVM_63591-1_R.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_63591-1_R.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_63591-1_R.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[Magnet Wire Terminals & Splices](#)

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Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English