

MAG-MATE

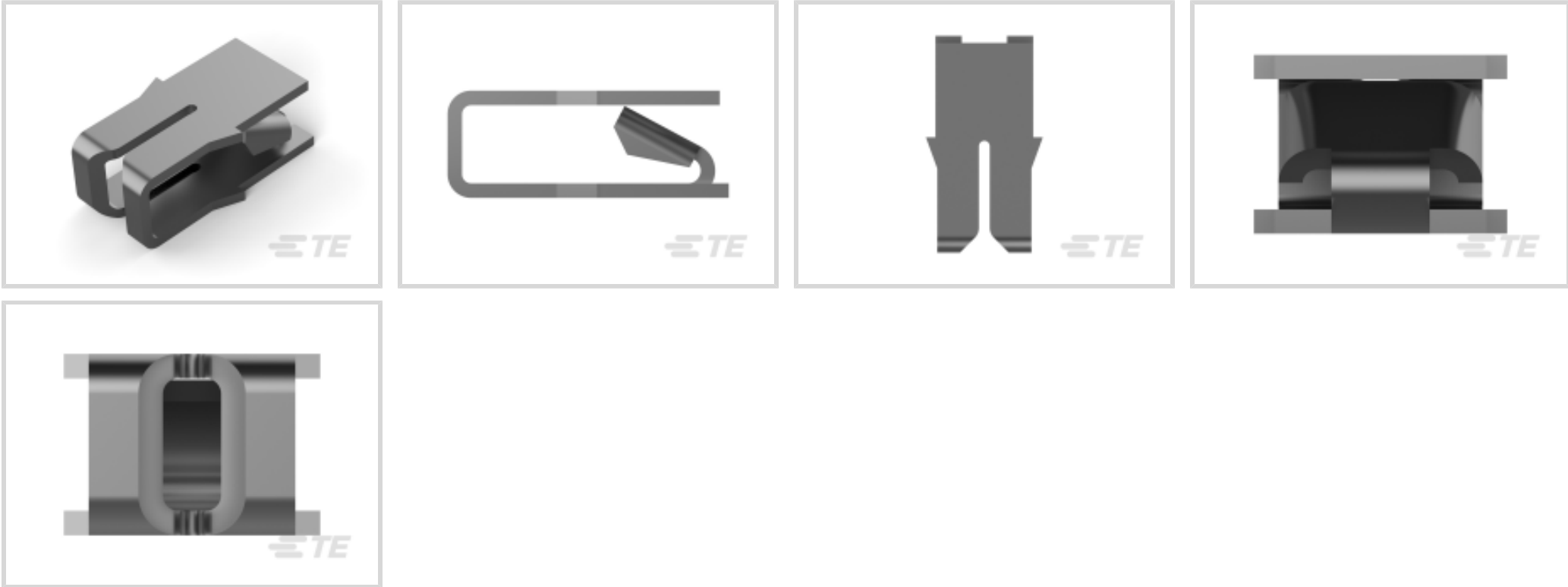
TE Internal #: 62420-1

MAG-MATE, Magnet Wire Terminals, Poke-In, Terminal Height 7.87 mm [.31 in], Size 2, 20 – 18AWG Wire Size, .81 – 1.02mm² Wire Size

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Terminals & Splices > Magnet Wire Terminals



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

Terminal Height: **7.87 mm [.31 in]**

Cavity Size: **Size 2**

Wire Size: **.81 – 1.02 mm²**

Features

Product Type Features

Magnet Wire Terminal Wire/Cable Type	Magnet Copper or Magnet Aluminum Wire
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Body Features

Cavity Size	Size 2
Magnet Wire Terminal Plating Material	Post-Tin

Contact Features

Magnet Wire Terminal Terminal Type	Poke-In
Magnet Wire Terminal Terminal Orientation	Straight

Termination Features

Magnet Wire Terminal Termination Method	IDC Standard
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Mechanical Attachment

Magnet Wire Terminal Mating Retention Type	Barbs
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Housing Features

Housing Retention Force	Standard
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Dimensions

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Terminal Height	7.87 mm[.31 in]
Wire Size	.81 – 1.02 mm²
Aluminum Wire Size	.41 – .65 mm
Lead Wire Size	20 – 18 AWG
Magnet Wire Size	22 – 20 AWG
Magnet Wire Terminal Material Thickness	.41 mm[.016 in]
Stock Thickness (Magnet Wire Side)	.41 mm[.016 in]
Magnet Wire Terminal Overall Length	7.62 mm[.3 in]

Usage Conditions

Insulation Requirement	Uninsulated
Operating Temperature Range	-20 – 105 °C[-4 – 221 °F]

Identification Marking

Identification Number	15
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Packaging Features

Packaging Quantity	12000
Magnet Wire Terminal Packaging Method	Reel, Reel/Carton

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
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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 # 2825380-1
MAG-MATE TERM 20-22 016 TPBR

TE Part # 1-62420-8
MAG-MATE TERM 20-22 016 TPBR

TE Part # 274250-2
INSERTION TOOL

TE Part # 62420-6
MAG-MATE TERM 20-22 016 TPBR

TE Part # 62420-9
MAG-MATE TERM 20-22 016

Also in the Series | MAG-MATE

Insertion & Extraction Tools(8)

Magnet Wire Terminals(468)

PCB Terminals(1)

Customers Also Bought





TE Part #1-1879447-3
Wirewound Resistor: Mineral, 2.5 Kw



TE Part #1744416-3
3 POS EP II HSG, GLOW WIRE



TE Part #1461405-5
STD OEG Miniature PCB OJ/OJE Pow Relays



TE Part #1-368575-1
Glow Wire Power Double Lock Plug Relays



TE Part #179846-4
STD Temp Power Double Lock Header



TE Part #1744417-7
7 POS EP 2.5 HSG, GLOW WIRE



TE Part #1394759-1
MAG MATE CONT.MKII



TE Part #964339-1
MAG MATE KONT. MKII



TE Part #1-1971906-4
HEADER ASSY 8POS,KEYING-A,NEW GIC3.3

Documents

- Product Drawings
- MAG-MATE TERM 20-22 016 TPBR
- English
- MAG-MATE TERM 20-22 016 TPBR
- Japanese

- CAD Files
- 3D PDF
- 3D
- Customer View Model
- ENG_CVM_CVM_62420-1_CE.2d_dxf.zip
- English
- Customer View Model
- ENG_CVM_CVM_62420-1_CE.3d_igs.zip
- English
- Customer View Model
- ENG_CVM_CVM_62420-1_CE.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

MD_62420-1_11302015135_dmtec

English

MD_62420-1_11302015135_dmtec

English

Instruction Sheets

STD MAG-MATE INSERTION MODULE

Japanese

Agency Approvals

UL Report

English