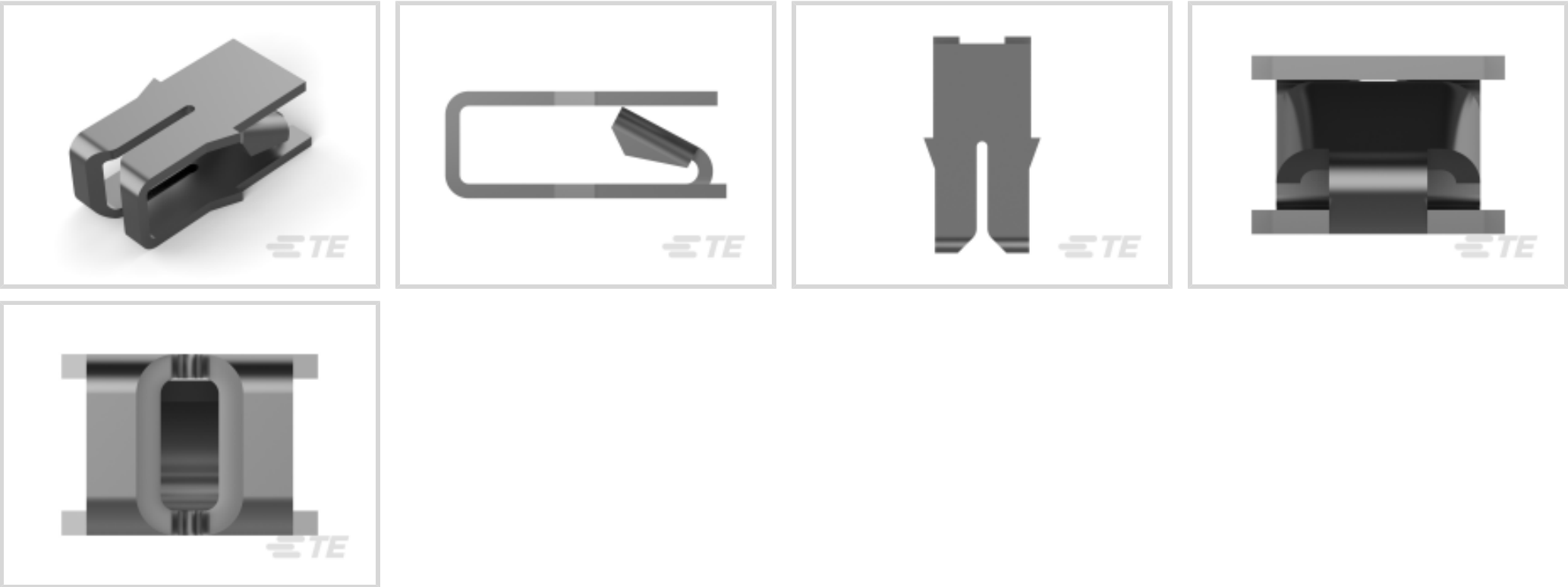




Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Poke-In**  
Compatible With Cavity Size: **Size 2**  
Aluminum Wire Size: **.41 - .65 mm**  
Lead Wire Size: **20 - 18 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	Straight

Termination Features

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

Mating Retention Type	Barbs
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Dimensions

Terminal Height	7.87 mm[.31 in]
Aluminum Wire Size	.41 - .65 mm



Lead Wire Size	.81 - 1.02 mm <sup>2</sup>
Magnet Wire Size	.64 - .81 mm
Stock Thickness (Magnet Wire Side)	.41 mm[.016 in]
Product Length	7.62 mm[.3 in]

Usage Conditions

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

Operation/Application

Compatible With Wire Base Material	Aluminum, Copper
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Identification Marking

Identification Number	15
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Packaging Features

Packaging Quantity	12000
Packaging Method	Reel, Reel/Carton

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # 62420-6  
MAG-MATE TERM 20-22 016 TPBR

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

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

TE Part # 5-62420-1

Also in the Series | MAG-MATE 300

Magnet Wire Terminals(78)

Customers Also Bought


TE Part # 3-284865-4  
Direct mount card edge conn.,

TE Part # 2-284865-6  
DUOPLUG SL, FEMALE CONN., 6  
POS, FULLY L


TE Part # 284865-4  
Direct mount card edge conn.,

TE Part # 63569-1  
MAG-MATE 048 PIN 28-31 010TPBR





TE Part # 1394430-3  
MAG MATE CONT. 5D



TE Part # 1740533-2  
AMP DUOPLUG POW CONN .2POS  
W.PCB LOCKING

TE Part # 1-659669-5  
INSERTER, DUAL

TE Part # 7-1481639-5  
BLADE TRIM, DUAL

TE Part # 872956-1  
TUBE INSERTION QUADRUPLE

Documents

Product Drawings

MAG-MATE TERM 20-22 016 TPBR

Japanese

MAG-MATE TERM 20-22 016 TPBR

English

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



Instruction Sheets

STD MAG-MATE INSERTION MODULE

Japanese