



MAG-MATE

TE Internal #: 63658-5
MAG-MATE, Magnet Wire Terminals, Poke-In, Terminal Height 7.62 mm [.3 in], Size 2, Aluminum Wire Size .57 – .72 mm, Lead Wire Size 20 – 18 AWG

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Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Terminal Type: **Poke-In**
Terminal Height: **7.62 mm [.3 in]**
Cavity Size: **Size 2**
Aluminum Wire Size: **.57 – .72 mm**
Lead Wire Size: **.5 – .9 mm²**

Features

Product Type Features

Magnet Wire Terminal Wire/Cable Type	Magnet Wire
Sealable	No

Body Features

Cavity Size	Size 2
Magnet Wire Terminal Plating Material	Tin

Contact Features

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

Termination Features

Magnet Wire Terminal Termination Method	IDC Standard
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Mechanical Attachment

Magnet Wire Terminal Mating Retention Type	Locking
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Dimensions

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Terminal Height	7.62 mm[.3 in]
Aluminum Wire Size	.57 – .72 mm
Lead Wire Size	20 – 18 AWG
Magnet Wire Size	25 – 22 AWG
Magnet Wire Terminal Material Thickness	.41 mm[.016 in]
Stock Thickness (Magnet Wire Side)	.41 mm[.016 in]
Magnet Wire Terminal Overall Length	7.87 mm[.31 in]

Usage Conditions

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

Packaging Features

Magnet Wire Terminal 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
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 # 1217234-1 MAG-MATE TERM 28-31 013TPBR	 TE Part # 62833-1 MAG-MATE POKE-IN TERM 016TPBR	 TE Part # 63591-1 MAG-MATE TERM #20 016TPBR	 TE Part # 1217082-1 TERM MAG-MATE 25-22 016 TPPHBZ
 TE Part # 63861-1 TERM, MAG-MATE 27-24 016TPPHBZ	 TE Part # 62833-2 MAG-MATE POKE-IN TERM 016TPBR	 TE Part # 62833-4 TERMINAL,POKE-IN,MAG-MATE	 TE Part # 62912-1 MAG-MATE POKE-IN 016 TPBR
 TE Part # 63658-2 MAG-MATE TERM 25-22 016 TPBR	 TE Part # 63658-7 MAG-MATE TERM 25-22 016 TPBR	 TE Part # 63044-1 MAG-MATE TERM 27-23 016 TPBR	 TE Part # 63658-1 MAG MATE TERM 25-22 016TPBR
 TE Part # 1217209-1 TERM SPL TRISLOT 300 MTA MAG	 TE Part # 1217757-1 TERM,POKE-IN,LP, MAG-MATE	 TE Part # 1217974-1 TERM,SPLICE,LP,MAG-MATE	 TE Part # 2232698-1 MAG-MATE TERM 27-23 016 TPBR





TE Part # 62429-4
MAG-MATE TERM 27-30 013BR



TE Part # 62842-1
MAG-MATE TERM 23-26 016 TPBR



TE Part # 63658-3
MAG MATE TERM 25-22 016TPBR



TE Part # 737434-2
MAG-MATE POKE-IN TERMINAL

Also in the Series | MAG-MATE



Insertion & Extraction Tools(8)



Magnet Wire Terminals(468)



PCB Terminals(1)

Customers Also Bought



TE Part #5069834087
Single Wall CGPT Spool Heat Shrink Tubin



TE Part #EG85646001
Single Wall RNF-100 Spool HS Tubing



TE Part #1355505-4
SIGNAL HEADER



TE Part #1544200-1
CTS 2090 PRE ETAME



TE Part #160789-5
RING TONGUE I.S.



TE Part #2266172-1
OCEAN_2.0_Applicator-S-031F028F



TE Part #2836037-2
OC-AT-S-FA-026F026F-042-0976



TE Part #2837962-2
OCEAN-2.0-APPLICATOR-S-033F035F



TE Part #6-1633730-1
CRIMPER, WIRE F.043F



TE Part #1560133001
ACW0219-6.00-24(BP)



Documents

Product Drawings

TERM,POKE-IN,MAG-MATE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_63658-5_Z.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_63658-5_Z.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_63658-5_Z.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

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Product Compliance

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