

MAG-MATE

TE Internal #: 63658-5

Magnet Wire Terminals, Poke-In, Size 2, .57 - .72 mm Aluminum Wire, Lead Wire Size 20 - 18 AWG, Lead Wire Size .5 - .9 mm²,

MAG-MATE

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Terminals & Splices > Magnet Wire Terminals











Magnet Wire Terminal Type: Poke-In
Compatible With Cavity Size: Size 2
Aluminum Wire Size: .57 – .72 mm

Lead Wire Size: .5 – .9 mm²

Features

Product Type Features

| Troduct Type reatures | |
|------------------------------------|-------------------------------|
| Compatible With Discrete Wire Type | Magnet Wire, Solid |
| Body Features | |
| Compatible With Cavity Size | Size 2 |
| 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) |
| Mechanical Attachment | |
| Mating Retention Type | Locking |
| Dimensions | |
| Terminal Height | 7.62 mm[.3 in] |
| Aluminum Wire Size | .57 – .72 mm |



| Lead Wire Size | $.59 \text{ mm}^2$ |
|------------------------------------|------------------------------------|
| Magnet Wire Size | .45 – .64 mm |
| Stock Thickness (Magnet Wire Side) | .41 mm[.016 in] |
| Product Length | 7.87 mm[.31 in] |
| Usage Conditions | |
| Insulation Option | Uninsulated |
| Operating Temperature Range | -65 – 150 °C[-85 – 302 °F] |
| Operation/Application | |
| Compatible With Wire Base Material | Aluminum, Copper |
| Packaging Features | |
| Packaging Method | Reel, Reel/Carton |
| Other | |
| Terminals & Splices Comment | Single magnet wire only., Solid or |

overcoated stranded lead wire only.

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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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 # 63658-1 MAG MATE TERM 25-22 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 # 1217209-1
TERM SPL TRISLOT 300 MTA MAG



TE Part # 1217757-1
TERM,POKE-IN,LP, MAG-MATE



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



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







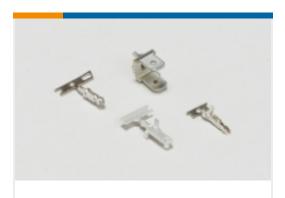
Also in the Series | MAG-MATE



Insertion & Extraction Tools(7)



Magnet Wire Terminals(435)



PCB Terminals(1)

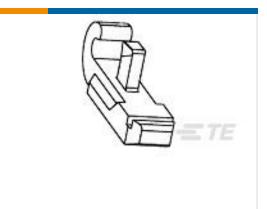
Customers Also Bought



TE Part #1-2271457-8 Header Assembly: Wire-to-Board Connector, Spring Clamp, 7.5 mm pitch, 14.5A



TE Part #747784-8 JACKSCREW KIT,4-40, BULK



TE Part #1981045-1 DYNAMIC D3900 SPRING OPENER





TE Part #1871186-3 1.5VP REMODEL AND 1.0VP CABLE **ASSY**

TE Part #1932638-8 Std USB Type A, R/A, SMT, Offset

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

English

Product Compliance

English