



MAG-MATE

TE Internal #: 63658-5
Poke-In, Size 2, .57 – .72 mm Aluminum Wire, Lead Wire Size 20 – 18 AWG, Lead Wire Size .5 – .9 mm², MAG-MATE, Magnet Wire Terminals

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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

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	Twisted

Termination Features

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

Mating Retention Type	Locking
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Dimensions

Terminal Height	7.62 mm[.3 in]
Aluminum Wire Size	.57 – .72 mm



Lead Wire Size	.5 – .9 mm²
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
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Packaging Features

Packaging Method	Reel, Reel/Carton
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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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 63658-3 MAG MATE TERM 25-22 016TPBR
 TE Part # 737434-2 MAG-MATE POKE-IN TERMINAL	 TE Part # 62842-1 MAG-MATE TERM 23-26 016 TPBR		

Also in the Series | **MAG-MATE**



Insertion & Extraction Tools(6)



Magnet Wire Terminals(337)

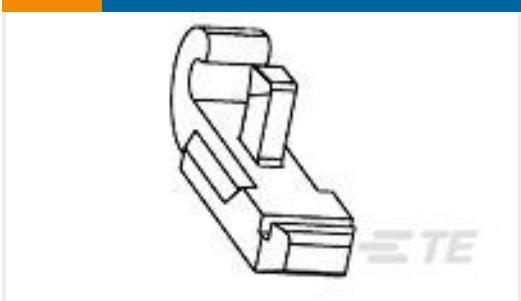


PCB Terminals(1)

Customers Also Bought



TE Part #178303-5
6-P POST HDR D-3100D HORZ



TE Part #1981045-1
DYNAMIC D3900 SPRING OPENER



TE Part #1879351-6
RR01 5% 4K7 AMMO



TE Part #330301
TERMINAL,SOLIS R 2 10



TE Part #5-103765-8
08 MODII HD SRRA B/A .100CL,LF



TE Part #5176371-3
AMP FH CONN REC V 80P (H=11)



TE Part #5917631-3
PLUG ASS'Y(V) 80P 1.27FHBB



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

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