



MAG-MATE

TE Internal #: 62431-6
MAG-MATE, Magnet Wire Terminals, Poke-In, Terminal Height 7.87 mm [.309 in], Size 2, Lead Wire Size 20 – 18 AWG, Lead Wire Size .5 – .9 mm²

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Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Terminal Type: **Poke-In**
Terminal Height: **7.87 mm [.309 in]**
Cavity Size: **Size 2**
Lead Wire Size: **20 – 18 AWG**

Features

Product Type Features

Magnet Wire Terminal Wire/Cable Type	Magnet Wire
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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

Terminal Height	7.87 mm[.309 in]
Lead Wire Size	20 – 18 AWG



Magnet Wire Size	33 – 31 AWG
Magnet Wire Terminal Material Thickness	.25 mm[.01 in]
Stock Thickness (Magnet Wire Side)	.25 mm[.009 in]
Magnet Wire Terminal Overall Length	3.43 mm[.135 in]

Usage Conditions

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

Packaging Features

Magnet Wire Terminal Packaging Method	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: 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

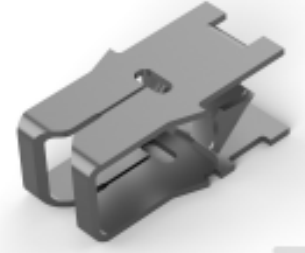
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 62833-1
MAG-MATE POKE-IN TERM 016TPBR



TE Part # 62527-1
MAG-MATE TERM 31-32 010 TPBR



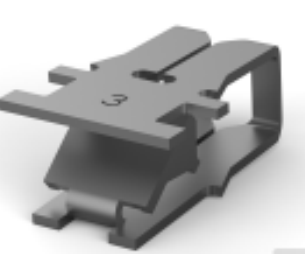
TE Part # 62526-1
MAG-MATE TERM 27-30 013 TPBR



TE Part # 62431-1
MAG-MATE TERM 31-33 010 TPBR



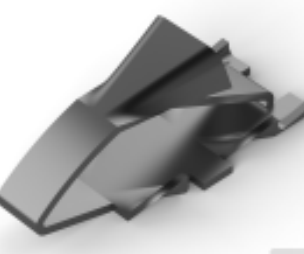
TE Part # 62429-1
MAG-MATE TERM 27-30 013TPBR



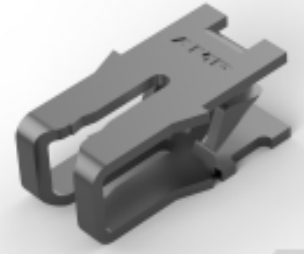
TE Part # 1742379-1
TERMINAL,POKE-IN,MAG-MATE



TE Part # 63662-1
MAG-MATE TERM 33-34 010TPBR



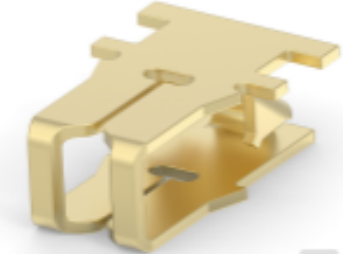
TE Part # 62781-3
TERM MAG-MATE MINI 42-52 TPBR



TE Part # 62833-4
TERMINAL,POKE-IN,MAG-MATE



TE Part # 62935-9
MAG-MATE TERM 27-23 016 TPCUNI



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

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



Insertion & Extraction Tools(8)

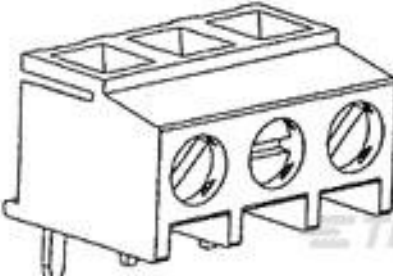


Magnet Wire Terminals(468)

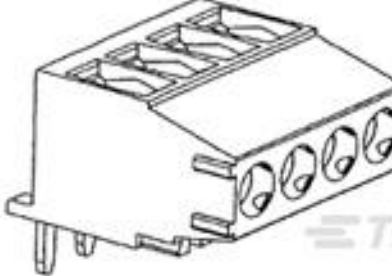


PCB Terminals(1)

Customers Also Bought



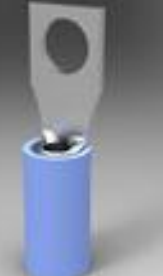
TE Part #284094-3
TERMI-BLOK PCB MOUNT 90, 5,08M



TE Part #284414-2
TERMI-BLOK 900 PCB 2 POS. 3,5



TE Part #1879225-1
CPF 0603 38K3 0.1% 25PPM 1K RL



TE Part #130476
PIDG RECT.





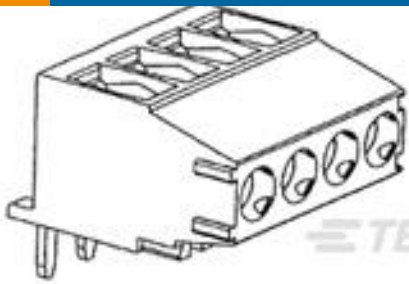
TE Part #2-2176217-7
CPF A 0805 330R 0.1% 25PPM 1K RL



TE Part #8-1622826-0
CRG0402 1% 24R



TE Part #160631-3
SUB MINIATURE AMPLIVAR SPLICE



TE Part #284414-3
TERMI-BLOK 900 PCB 3 POS 3,5 m



TE Part #3-1623746-2
ER74 3K9 5% AMMO PK



TE Part #1-1634003-0
MMCX R/A Plg Hex 50Ohm Gold
RG178B/U, 19

Documents

Product Drawings

TERM,POKE-IN,31-33 MAG-MATE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_62431-6_BY.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_62431-6_BY.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_62431-6_BY.3d_stp.zip

English

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Product Specifications

Application Specification

English