



MAG-MATE

TE Internal #: 63754-1
MAG-MATE, Magnet Wire Terminals, Poke-In, Terminal Height 7.62 mm [.3 in], Size 2, Aluminum Wire Size 24 – 22 AWG, Aluminum Wire Size .51 – .64 mm

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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: **.51 – .64 mm**

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
Wire Insulation Support	With

Dimensions



Terminal Height	7.62 mm[.3 in]
Aluminum Wire Size	.51 – .64 mm
Magnet Wire Size	27 – 23 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[.3 in]

Usage Conditions

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

Identification Marking

Identification Number	10
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Packaging Features

Packaging Quantity	12000
Magnet Wire Terminal Packaging Method	Reel, Reel/Carton

Other

Comment	Enhanced anti-overstress behind Poke-In feature for severe applications., Part does not accept lead wires., Two magnet wires may be terminated in the same terminal slot if diameters are equal.
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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: JUN 2020 (209) SVHC > Threshold: Not Yet Reviewed
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 # 63632-1 MAG-MATE TRI SLOT 016TPBR	 TE Part # 63659-1 MAG-MATE POST 27-23 016TPCUBR	 TE Part # 62935-1 MAG-MATE TERM 27-23 016 TPBR	 TE Part # 1217853-1 TERM,SPL,TRI-SLOT,MAG-MATE
 TE Part # 1217082-1 TERM MAG-MATE 25-22 016 TPPHBZ	 TE Part # 1217824-1 TERM,POKE-IN,MAG-MATE	 TE Part # 62935-3 MAG-MATE TERM 27-23 016TPBR	 TE Part # 63861-1 TERM, MAG-MATE 27-24 016TPPHBZ
 TE Part # 1217356-1 MAG-MATE TERM 19-17 0157 TPNBR	 TE Part # 1217357-1 MAG-MATE TERM 21-19 0157 TPNBR	 TE Part # 1217942-1 TERMINAL,POKE-IN,MAG-MATE	 TE Part # 62833-2 MAG-MATE POKE-IN TERM 016TPBR



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

TE Part # 63658-2
MAG-MATE TERM 25-22 016 TPBR

TE Part # 63789-1
TERMINAL MAG-MATE POKE-IN TPBR

TE Part # 63044-1
MAG-MATE TERM 27-23 016 TPBR

TE Part # 1217689-1
SPECIAL LEAF CONTACT,300 SERIE

TE Part # 62935-2
MAG MATE TERM 23-26 .016BR.

TE Part # 1217026-1
MAG-MATE TERM 31-32 010 TPBR

TE Part # 1217690-1
SPECIAL LEAF CONTACT,300 SERIE

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

Insertion & Extraction Tools(8)

Magnet Wire Terminals(468)

PCB Terminals(1)

Customers Also Bought

TE Part #1-2308350-8
CRIMP BARREL

TE Part #U5354-000002-014BA
Pressure Transducers Readily Available

TE Part #2-1658045-2
MSB0.80PL8ASY080FL,-,F,-TY

TE Part #6-102567-0
70 MODII 2PC HDR DR SHRD .100, ROHS

TE Part #103672-5
06 MTE HDR SRRA LATCH W/HLDWN

TE Part #1375799-2
ASSY, 120 POS PC104 PLUS

TE Part #277148-3
TERMINAL,COPALUM R 6 5/16

TE Part #1-2176366-4
RQ 0603 590R 0.1% 10PPM 1K RL



Documents

Product Drawings

TERM,MAG-MATE 27-23 016TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_63754-1_C.2d_dxf.zip

English

3D PDF

English

Customer View Model

ENG_CVM_63754-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_63754-1_C.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_63754-1_H.2d_dxf.zip

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Customer View Model

ENG_CVM_CVM_63754-1_H.3d_igs.zip

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Customer View Model

ENG_CVM_CVM_63754-1_H.3d_stp.zip

English

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Datasheets & Catalog Pages

Magnet Wire Terminals & Splices

English

Product Specifications

Application Specification

English

63754-1

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