

62833-1 ✓ ACTIVE

MAG-MATE

TE Internal #: 62833-1

Magnet Wire Terminals, Poke-In, Size 2, 18.5 – 16.5 AWG Aluminum Wire, .95 – 1.2 mm Aluminum Wire, Lead Wire Size 20 – 18 AWG, 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: **18.5 – 16.5 AWG**

Lead Wire Size: **20 – 18 AWG**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid
Sealable	No

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

Contact Mating Retention Type	Locking
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Dimensions

Terminal Height	7.62 mm [.3 in]
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Aluminum Wire Size	18.5 – 16.5 AWG
Lead Wire Size	.5 – .9 mm ²
Magnet Wire Size	20 – 16.5 AWG
Stock Thickness (Magnet Wire Side)	.41 mm[.016 in]
Overall 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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Identification Marking

Identification Number	24
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Packaging Features

Packaging Quantity	12000
Packaging Method	Reel, Reel/Carton

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: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) 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

 <p>TE Part # 63632-1 MAG-MATE TRI SLOT 016TPBR</p>	 <p>TE Part # 63658-1 MAG MATE TERM 25-22 016TPBR</p>	 <p>TE Part # 1217688-1 SPECIAL LEAF CONTACT,300 SERIE</p>	 <p>TE Part # 1217853-1 TERM,SPL,TRI-SLOT,MAG-MATE</p>
 <p>TE Part # 63591-1 MAG-MATE TERM #20 016TPBR</p>	 <p>TE Part # 63662-1 MAG-MATE TERM 33-34 010TPBR</p>	 <p>TE Part # 63861-1 TERM, MAG-MATE 27-24 016TPPHBZ</p>	 <p>TE Part # 1217973-2 TERM,SPLICE,MAG-MATE</p>
 <p>TE Part # 62833-2 MAG-MATE POKE-IN TERM 016TPBR</p>	 <p>TE Part # 62833-4 TERMINAL,POKE-IN,MAG-MATE</p>	 <p>TE Part # 63590-1 MAG-MATE LEAF CONTACT 0126TPBR</p>	 <p>TE Part # 63658-2 MAG-MATE TERM 25-22 016 TPBR</p>
 <p>TE Part # 63658-7 MAG-MATE TERM 25-22 016 TPBR</p>	 <p>TE Part # 63789-1 TERMINAL MAG-MATE POKE-IN TPBR</p>	 <p>TE Part # 1217234-1 MAG-MATE TERM 28-31 013TPBR</p>	 <p>TE Part # 63661-1 MAG-MATE POST 19-17 016TPCUBR</p>



TE Part # 1217209-1
TERM SPL TRISLOT 300 MTA MAG



TE Part # 1217974-1
TERM,SPLICE,LP,MAG-MATE

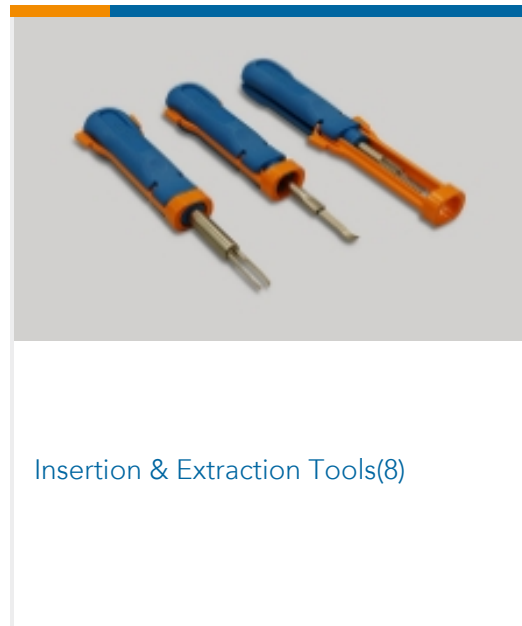


TE Part # 2232698-1
MAG-MATE TERM 27-23 016 TPBR



TE Part # 2238281-1
MAG-MATE POKE-IN TAB 020 PTPBR

Also in the Series | MAG-MATE



Insertion & Extraction Tools(8)



Magnet Wire Terminals(464)



PCB Terminals(1)

Customers Also Bought



TE Part #1742422-1
187 FASTON,REC.,18-14 OR 2-18
AWG,TPBR



TE Part #1-292231-0
1.5 MINI CT SGL V SMT W/O BOSS



TE Part #2-1565085-3
STD Temp GRACE INERTIA Cap



TE Part #2-292132-8
CT P/HDR BOX V 8P BLUE



TE Part #881257-1
MAG-MATE TAB TERMIN



TE Part #5-1565089-1
GRACE INERTIA CONNECTOR 3.5 2P
PLATE

Documents

Product Drawings

[MAG-MATE POKE-IN TERM 016TPBR](#)

English

CAD Files

[3D PDF](#)

[3D](#)



Customer View Model

[ENG_CVM_CVM_62833-1_BF.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_62833-1_BF.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_62833-1_BF.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[Magnet Wire Terminals & Splices](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[MD_62833-1_11302015135_dmtec](#)

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Agency Approvals

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