

MAG-MATE

TE Internal #: 63590-1
Poke-In Magnet Wire Terminal, 30 – 27 AWG, .25 – .36 mm,
Insulation Displacement (IDC), .08 – .16 mm Aluminum Wire, 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: **28 – 25 AWG**
Magnet Wire Size: **30 – 27 AWG**

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
Contact Underplating Material	Nickel
Terminal Orientation	Twisted

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Dimensions

Terminal Height	7.62 mm[.3 in]
Aluminum Wire Size	28 – 25 AWG
Magnet Wire Size	.25 – .36 mm



Stock Thickness (Magnet Wire Side)	.31 mm[.012 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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Identification Marking

Identification Number	6
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Packaging Features

Packaging Quantity	12000
Packaging Method	Reel, Reel/Carton

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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>

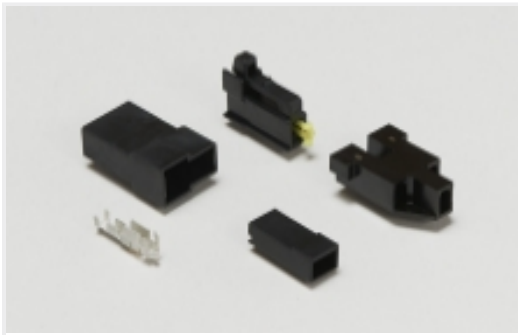
Compatible Parts

 TE Part # 63532-1 MAG-MATE F CRMP 28-31 0126TPBR	 TE Part # 160899-4 MAG-MATE POKE-IN	 TE Part # 62833-1 MAG-MATE POKE-IN TERM 016TPBR	 TE Part # 63885-1 TERM MAG-MATE 27-30 013TPBR
 TE Part # 62526-1 MAG-MATE TERM 27-30 013 TPBR	 TE Part # 63590-5 SPEC,LEAF,300 SERIES,MAG-MATE	 TE Part # 62512-1 MAG-MATE 30-27 187 F TAB TPBR	 TE Part # 63328-1 MAG-MATE 250F TAB TPBR
 TE Part # 62429-4 MAG-MATE TERM 27-30 013BR	 TE Part # 62651-1 MAG-MATE 250FTAB 30-27 013TPBR	 TE Part # 63590-3 MAG-MATE LEAF CONT 0126 TPPHBZ	 TE Part # 63531-1 MAG-MATE F CRMP 31-33 0126TPBR
 TE Part # 63590-2 MAG-MATE LEAF CONTACT 0126TPBR	 TE Part # 160899-2 MAG-MATE POKE-IN	 TE Part # 62429-1 MAG-MATE TERM 27-30 013TPBR	

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



[Insertion & Extraction Tools\(3\)](#)



[Magnet Wire Terminals\(323\)](#)



[PCB Terminals\(1\)](#)

Customers Also Bought



TE Part #964339-1
[MAG MATE KONT. MKII](#)



TE Part #7-1393238-2
[RTD14110](#)



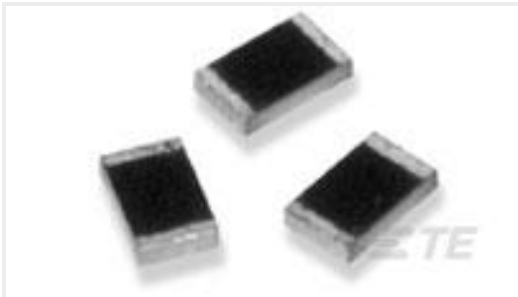
TE Part #2-1393243-4
[RTE25524](#)



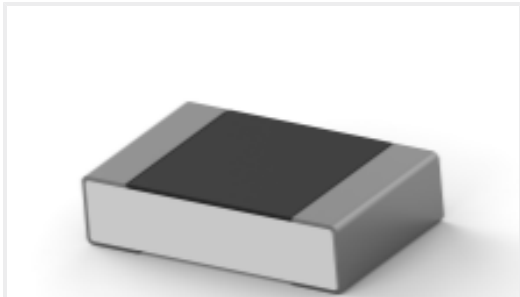
TE Part #1623187-1
[CRG0805 1% 300K](#)



TE Part #1825142-2
[AE101MD1AG04](#)



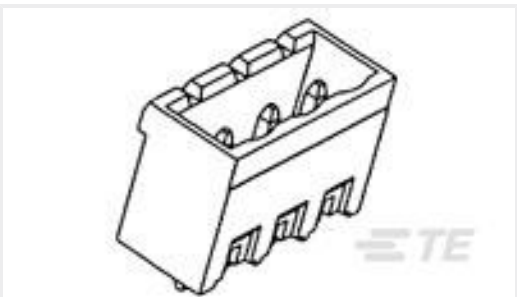
TE Part #9-1879256-5
[RP 2B 237R 0.1% 15PPM 1K RL](#)



TE Part #9-2176374-8
[RQ 0805 1K1 0.1% 10PPM 1K RL](#)



TE Part #5822138-4
[80 ME .050 L/P AU M/L PB-FREE](#)



TE Part #1-1546111-0
[EUROSTYLE TB,HEADER,GREY,10POS](#)

Documents

Product Drawings

[MAG-MATE LEAF CONTACT 0126TPBR](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_63590-1_AE.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_63590-1_AE.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_63590-1_AE.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[Magnet Wire Terminals & Splices](#)

English

Product Specifications

[Application Specification](#)

English