

63818-1 ✓ ACTIVE

MAG-MATE

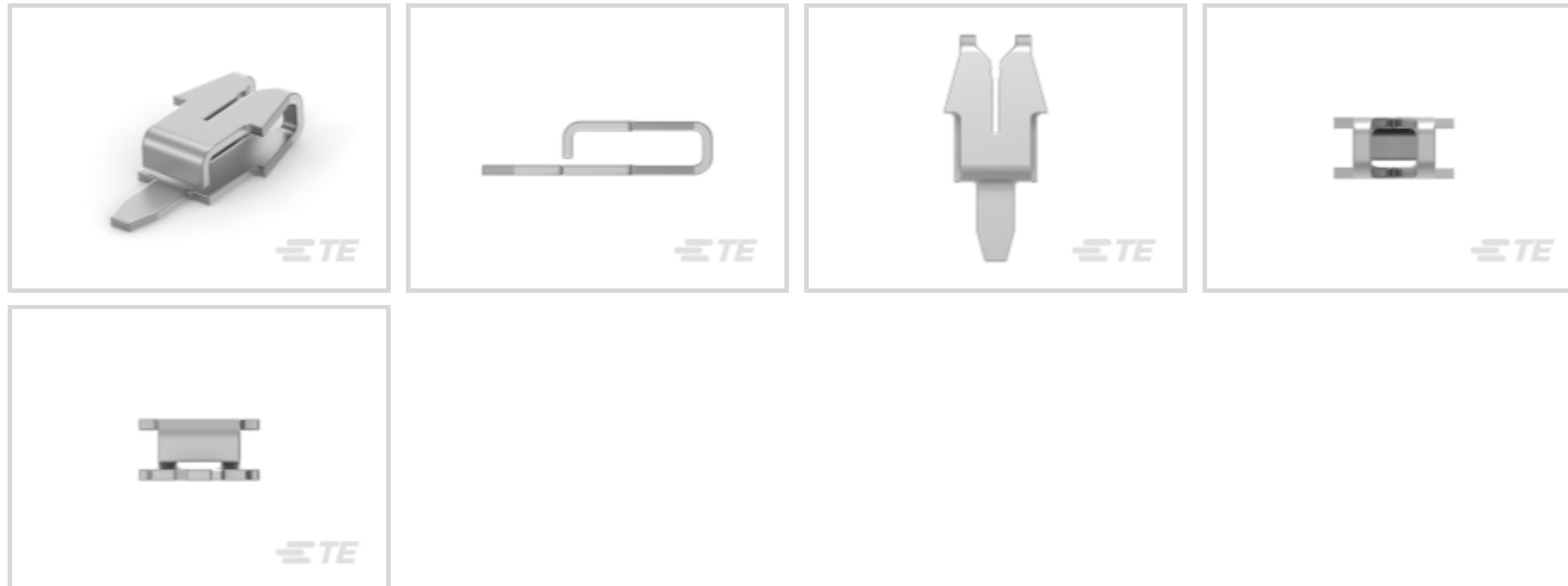
TE Internal #: 63818-1

Magnet Wire Terminals, Solder Post, Mating Tab Width .05 in [1.27 mm], Size 1, 28 – 25 AWG Aluminum Wire, .32 – .45 mm Aluminum Wire, MAG-MATE

[View on TE.com >](#)



Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Solder Post**

Mating Tab Width: **1.27 mm [.05 in]**

Mating Tab Thickness: **.33 mm [.013 in]**

Compatible With Cavity Size: **Size 1**

Aluminum Wire Size: **28 – 25 AWG**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid
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Body Features

Compatible With Cavity Size	Size 1
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Contact Features

Magnet Wire Terminal Type	Solder Post
Mating Tab Width	1.27 mm [.05 in]
Mating Tab Thickness	.33 mm [.013 in]
Terminal Plating Material	Tin
Contact Underplating Material	Nickel
Terminal Orientation	Straight

Termination Features

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



Terminal Height	4.75 mm[.187 in]
Aluminum Wire Size	.32 – .45 mm
Magnet Wire Size	.25 – .32 mm
Stock Thickness (Magnet Wire Side)	.33 mm[.013 in]
Product Length	7.3 mm[.287 in]

Usage Conditions

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

Operation/Application

Compatible With Wire Base Material	Copper
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Identification Marking

Identification Number	6
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Packaging Features

Packaging Quantity	20000
Packaging Method	Reel, Reel/Carton

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)



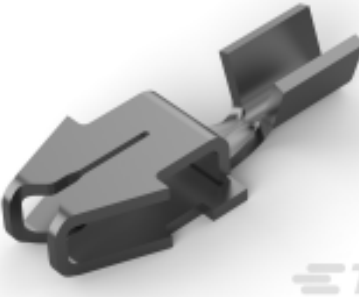

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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	Pin-in-Paste capable to 260°C

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 # 62439-1 MAG-MATE POST 22-24 013 TPBR</p>	 <p>TE Part # 62874-1 MAG-MATE POST 27-30 013 TPBR</p>	 <p>TE Part # 62938-1 MAG-MATE POST 33-31 010 TPBR</p>	 <p>TE Part # 63819-1 TERM MAG-MATE POST 24-22TPCUBR</p>
 <p>TE Part # 160809-2 MAG-MATE WITH TAB</p>	 <p>TE Part # 160810-2 MAG MATE WITH TAB</p>	 <p>TE Part # 62430-1 MAG-MATE POST 28-30 013 TPBR</p>	 <p>TE Part # 62438-1 MAG-MATE POST 25-27 013 TPBR</p>
 <p>TE Part # 62608-1 MAG-MATE W/BBL 30-28 013TPBR</p>	 <p>TE Part # 1217405-1 TAB, MAG-MATE 071 X 025, 187</p>	 <p>TE Part # 160897-2 MAG MATE WITH TAB</p>	 <p>TE Part # 1742940-1 MAG-MATE POST 29-26 0126 TPBR</p>
 <p>TE Part # 62608-3 TERM MAG-MATE F CRIMP 0126TPBR</p>	 <p>TE Part # 63036-1 MAG-MATE W/BBL 30-28 013TPBR</p>	 <p>TE Part # 63447-1 MAG-MATE 187 FAST TAB 0198TPBR</p>	 <p>TE Part # 63717-2 TAB,250 MAG-MATE SLIM LN 30-27</p>

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



Insertion & Extraction Tools(6)

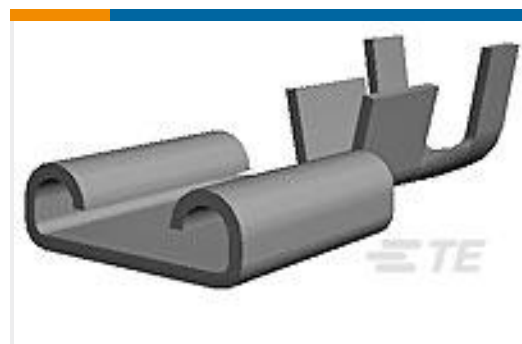


Magnet Wire Terminals(337)



PCB Terminals(1)

Customers Also Bought

TE Part #1419108-6
RT214730TE Part #4-1734839-0
FPC CONN. 0.5MM PITCH T/C,40PTE Part #925603-2
FF 250 REC 0.5-1.5MM2 TPPB LPTE Part #5-1419111-8
PT271730TE Part #5-160506-8
250 FASTON REC 20-16 AWG TPBZTE Part #7-1393224-9
RY531012TE Part #4-2176330-4
CRGP 2010 39K 1%TE Part #4-2176330-8
CRGP 2010 82K 1%TE Part #1-188685-2
STD TIMER PCB CONTACTTE Part #6-1416200-6
V23061-D2005-A801

Documents

Product Drawings

[TERM MAG-MATE POST 30-28TPCUBR](#)

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_63818-1_E.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_63818-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_63818-1_E.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English