

62430-1 ✓ ACTIVE

MAG-MATE

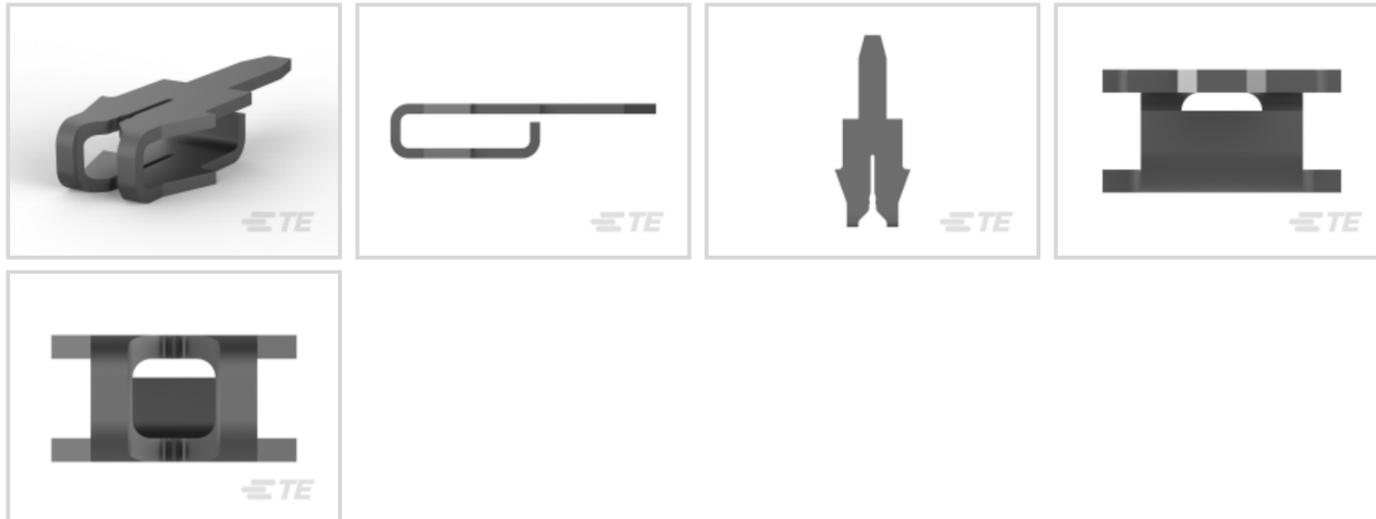
TE Internal #: 62430-1

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

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Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Solder Post**

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

Mating Tab Thickness: **.3 mm [.012 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
Sealable	No

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	.3 mm[.012 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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Mechanical Attachment

Wire Insulation Support	Without
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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)	.3 mm [.012 in]
Overall Product Length	8.38 mm [.33 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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Industry Standards

RU (UL Component Program)	Approved
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Packaging Features

Packaging Quantity	12000
Packaging Method	Reel, Reel/Carton

Other

Comment	PC Board hole size 1.17/1.22 [.046/.048]., 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: JUNE 2022 (224)



Candidate List Declared Against: JUNE 2022 (224)

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

TE Part # 1217302-1
SOLDER TAB .041 MAG-MATE

TE Part # 1217146-1
TERMINAL, F-CRIMP MAG-MATE

TE Part # 62651-1
MAG-MATE 250FTAB 30-27 013TPBR

TE Part # 62439-1
MAG-MATE POST 22-24 013 TPBR

TE Part # 62874-1
MAG-MATE POST 27-30 013 TPBR

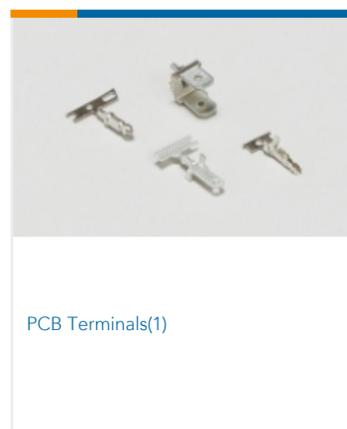
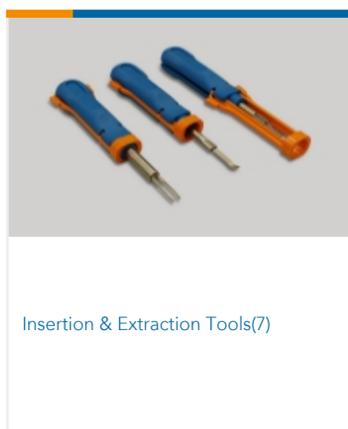
TE Part # 63818-1
TERM MAG-MATE POST 30-28TPCUBR

TE Part # 63819-1
TERM MAG-MATE POST 24-22TPCUBR

TE Part # 160810-2
MAG MATE WITH TAB



Also in the Series | MAG-MATE



Documents

Product Drawings

[MAG-MATE POST 28-30 013 TPBR](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_62430-1_AJ.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_62430-1_AJ.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_62430-1_AJ.3d_stp.zip](#)

English



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Datasheets & Catalog Pages

Magnet Wire Terminals & Splices

English

Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

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Product Compliance

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