



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: **.32 – .45 mm**

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	.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

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Wire Insulation Support	Without
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Dimensions

Terminal Height	4.75 mm[.187 in]
Aluminum Wire Size	28 – 25 AWG
Magnet Wire Size	.25 – .32 mm
Stock Thickness (Magnet Wire Side)	.3 mm[.012 in]
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

Compatible With Agency/Standards Products	RU (UL Component Program)
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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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 62874-1 MAG-MATE POST 27-30 013 TPBR	 TE Part # 160810-2 MAG MATE WITH TAB	 TE Part # 63036-1 MAG-MATE W/BBL 30-28 013TPBR	 TE Part # 62608-3 TERM MAG-MATE F CRIMP 0126TPBR
 TE Part # 63743-2 TAB 250 MAGMATE SLIM LN 30-27	 TE Part # 62651-1 MAG-MATE 250FTAB 30-27 013TPBR	 TE Part # 63818-1 TERM MAG-MATE POST 30-28TPCUBR	 TE Part # 62439-1 MAG-MATE POST 22-24 013 TPBR
 TE Part # 1217013-1 TAB, 059 MAG-MATE TPBR	 TE Part # 1217302-1 SOLDER TAB .041 MAG-MATE	 TE Part # 62934-1 MAG-MATE POST 32-31 010 TPCUBR	 TE Part # 62608-1 MAG-MATE W/BBL 30-28 013TPBR



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

TE Part # 1217405-1
TAB, MAG-MATE 071 X 025, 187

TE Part # 62438-1
MAG-MATE POST 25-27 013 TPBR

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

Also in the Series | **MAG-MATE 187**

Magnet Wire Terminals(17)

Customers Also Bought

TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT

TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts

TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT

TE Part #DT06-2S
PLG, 2P, GRY, N

TE Part #DT04-2P
REC, 2P, GRY, N

TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

TE Part #281934-2
SINGLE WIRE SEAL

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](#)

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Agency Approvals

[UL Report](#)

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