

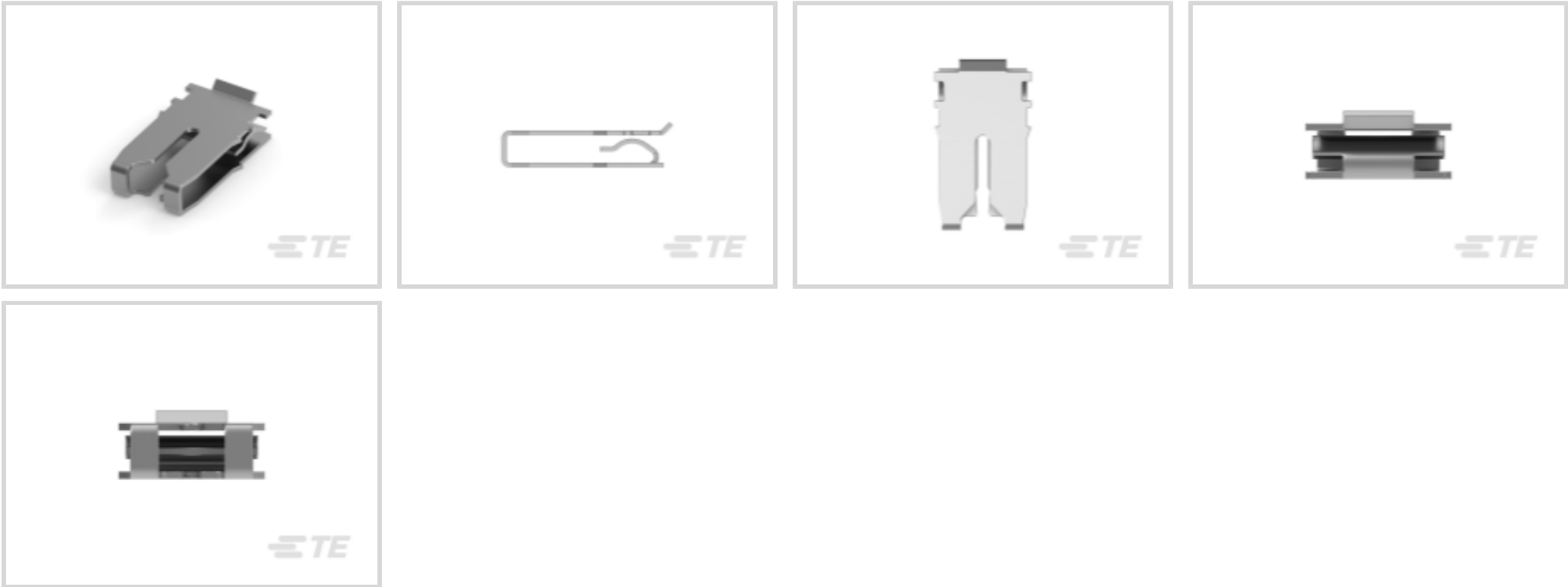


MAG-MATE

TE Internal #: 1742203-1
Leaf, 1.03 – 1.3 mm Magnet Wire, 17 – 16 AWG Magnet Wire,
Insulation Displacement (IDC), Tin Plating, MAG-MATE, Magnet
Wire Terminals

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Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Leaf**
Compatible With Cavity Size: **Size 4**
Magnet Wire Size: **1.03 – 1.3 mm**
Termination Method to Wire & Cable: **Insulation Displacement (IDC)**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid
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Body Features

Compatible With Cavity Size	Size 4
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Contact Features

Magnet Wire Terminal Type	Leaf
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

Magnet Wire Size	1.03 – 1.3 mm
Stock Thickness (Magnet Wire Side)	.39 mm[.016 in]
Product Length	13.08 mm[.515 in]



Usage Conditions

Insulation Option	Uninsulated
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Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Reel
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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: 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	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 # 1217356-1
MAG-MATE TERM 19-17 0157 TPNBR

TE Part # 1217358-1
MAG-MATE TERM 23-21 0157 TPNBR

TE Part # 2825380-1
MAG-MATE TERM 20-22 016 TPBR

TE Part # 1217357-1
MAG-MATE TERM 21-19 0157 TPNBR

TE Part # 1217068-1
MAG-MATE TERMINAL 19-17 TPBR

TE Part # 6-316300-7
STD MAG-MATE POKE-IN WITH .187

TE Part # 316300-5
STD MAG-MATE .187 POKE-IN TAB

TE Part # 1217128-1
TAB,187FAST 300SERIES MAG-MATE

TE Part # 1217355-1
MAG-MATE TERM 16-15 0157 TPNBR

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

Insertion & Extraction Tools(6)

Magnet Wire Terminals(329)

PCB Terminals(1)

Customers Also Bought

TE Part #63882-1
MAG-MATE 250 F-TAB TPBR

TE Part #2-160256-2
250 FASTON,REC.,17-14 AWG,TPBR

TE Part #1217355-1
MAG-MATE TERM 16-15 0157 TPNBR



Documents

Product Drawings
SPEC LEAF CONT,500SER,MAG-MATE
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1742203-1_C.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1742203-1_C.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1742203-1_C.3d_stp.zip
English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages
Magnet Wire Terminals & Splices
English

Product Specifications
Application Specification
English