

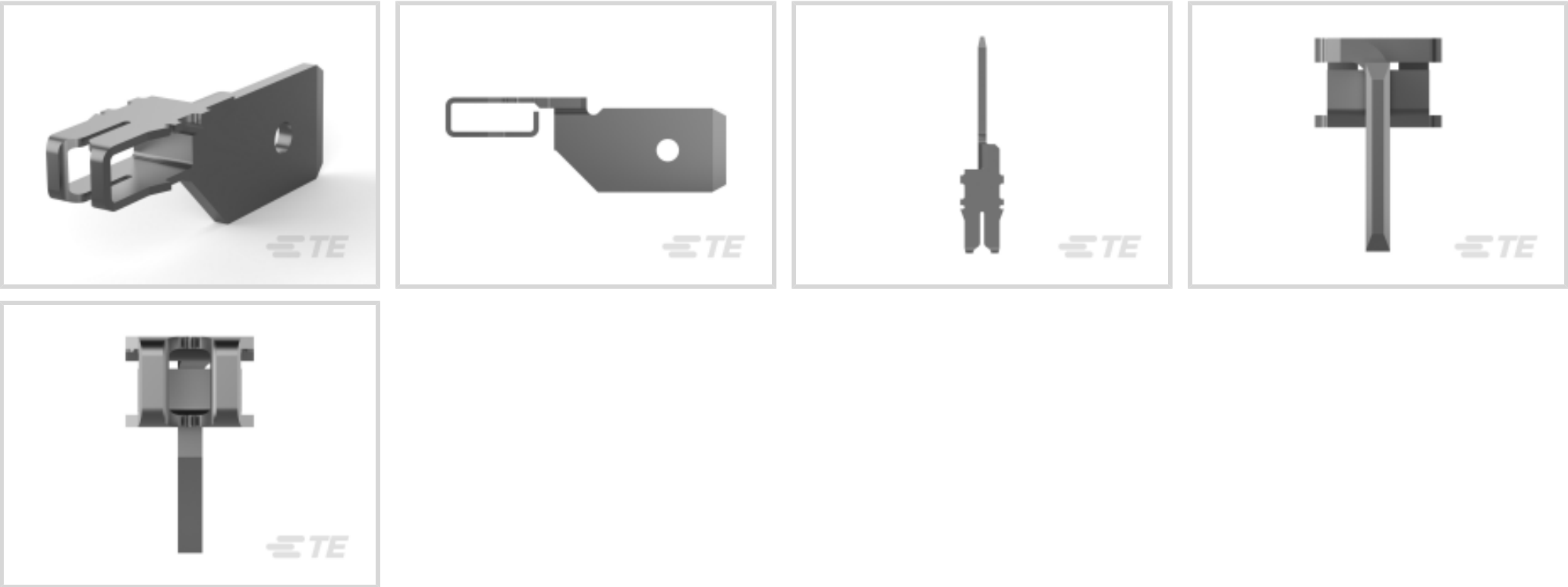


MAG-MATE

TE Internal #: 2232237-1
Magnet Wire Terminals, Tab, Mating Tab Width .25 in [6.35 mm], 21
– 19 AWG Aluminum Wire, .41 – .65 mm Aluminum Wire, MAG-MATE

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Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Tab**
Mating Tab Width: **6.35 mm [.25 in]**
Mating Tab Thickness: **.81 mm [.032 in]**
Aluminum Wire Size: **.41 – .65 mm**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid
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Contact Features

Magnet Wire Terminal Type	Tab
Mating Tab Width	6.35 mm[.25 in]
Mating Tab Thickness	.81 mm[.032 in]
Terminal Plating Material	Tin
Terminal Orientation	Straight

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Mechanical Attachment

Mating Retention Type	Hole
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Dimensions

Terminal Height	21.2 mm[.835 in]
Aluminum Wire Size	.41 – .65 mm



Magnet Wire Size	.32 – .51 mm
Stock Thickness (Magnet Wire Side)	.79 mm
Product Length	21.21 mm[.835 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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Packaging Features

Packaging Method	Reel/Carton
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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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 reviewed 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 # 1217031-1 MAG-MATE 250FTAB 22-20 016TPBR	 TE Part # 1217924-1 TAB,250 FASTON,MAG-MATE	 TE Part # 1742398-1 TAB,FASTON,250 SERIES,MAG-MATE	 TE Part # 2232555-1 MAG-MATE W/250 CONN TAB TPBR
 TE Part # 2232556-1 MAG-MATE W/250 CONN TAB TPBR	 TE Part # 1217870-1 TAB,250 FASTON,MAG-MATE	 TE Part # 2232683-1 MAG-MATE W/250 CONN TAB TPBR	 TE Part # 62653-1 MAG-MATE 250FTAB 22-20 016TPBR
 TE Part # 62653-2 MAG-MATE 250FTAB 22-20 016TPB	 TE Part # 62653-3 MAG-MATE 250FTAB 22-20 TPBR	 TE Part # 2232237-2 MAG-MATE W/250 CONN TAB TPBR	

Also in the Series

MAG-MATE

 Insertion & Extraction Tools(6)	 Magnet Wire Terminals(435)	 PCB Terminals(1)
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Customers Also Bought

 TE Part #3-1971794-1 NEW GI CONN2.5 TPA 3P BLACK	 TE Part #5-177912-1 POWER D/LOCK CAP HSG 10P NAT (GWT)	 TE Part #179463-4 AMP POWER DBL LOCK HSG 2P	 TE Part #179464-2 DBL LOCK CAP F/H 3P RED
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Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2232237-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2232237-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2232237-1_C.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

English

Product Compliance

English