

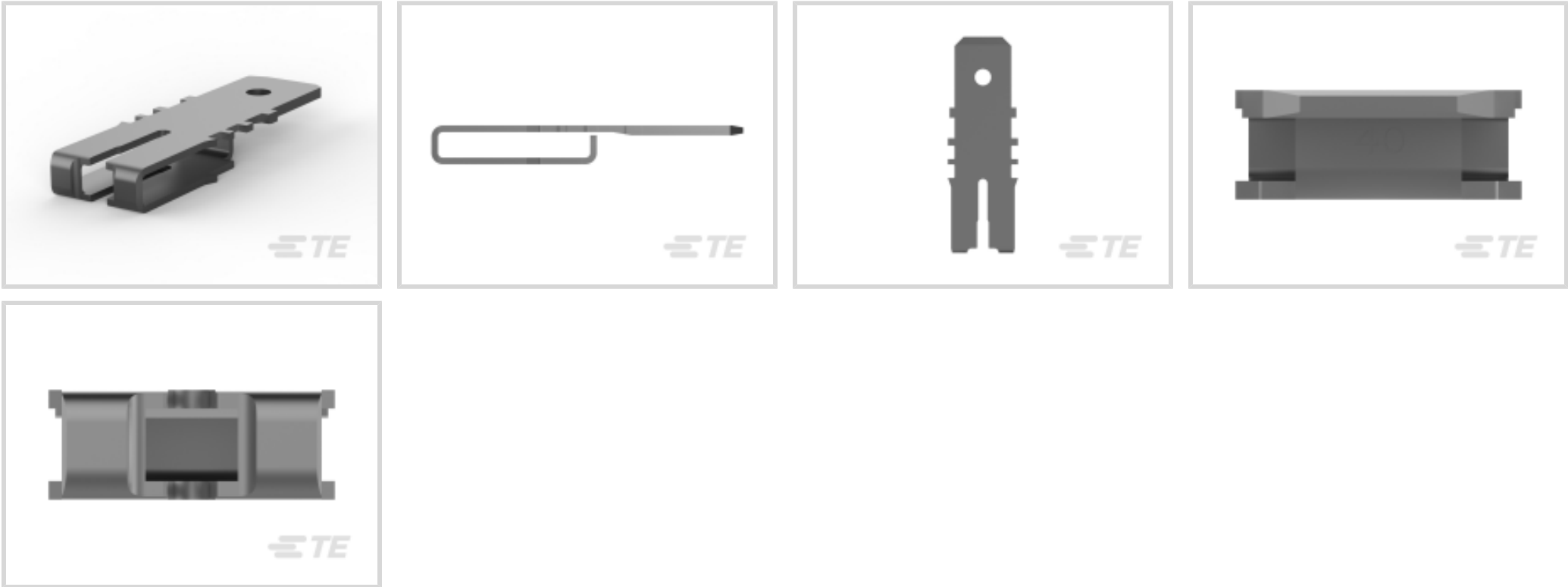


MAG-MATE

TE Internal #: 63881-1
Tab Magnet Wire Terminal, 16 – 15 AWG, 1.29 – 1.45 mm,
Insulation Displacement (IDC), 6.35 mm [.25 in] Tab Width, 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]**
Compatible With Cavity Size: **Size 4**
Aluminum Wire Size: **1.37 – 1.54 mm**

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	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	12.83 mm[.505 in]
Aluminum Wire Size	1.37 – 1.54 mm
Magnet Wire Size	1.29 – 1.45 mm
Stock Thickness (Magnet Wire Side)	.51 mm[.02 in]
Product Length	24.18 mm[.95 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	40
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Packaging Features

Packaging Quantity	1000
Packaging Method	Bag

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 63064-1 MAG-MATE 250 F TAB 032 TPBR	 TE Part # 63464-3 MAG-MATE 250 F-TAB TPBR	 TE Part # 63459-3 MAG-MATE 250 F-TAB 15-16 TPBR	 TE Part # 63495-1 MAG-MATE 250 F-TAB TPBR
 TE Part # 63598-1 MAG-MATE 250 F-TAB TPBR	 TE Part # 63882-1 MAG-MATE 250 F-TAB TPBR	 TE Part # 1742398-1 TAB,FASTON,250 SERIES,MAG-MATE	 TE Part # 63459-2 MAG-MATE 250 F-TAB 15-16 TPBR

Also in the Series | MAG-MATE

 Insertion & Extraction Tools(3)	 Magnet Wire Terminals(323)	 PCB Terminals(1)
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Customers Also Bought



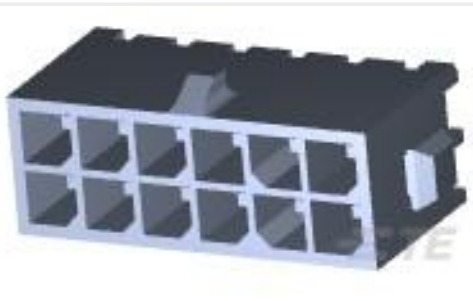
TE Part #179956-6
[DYNAMIC D-5 REC M AG FORM](#)



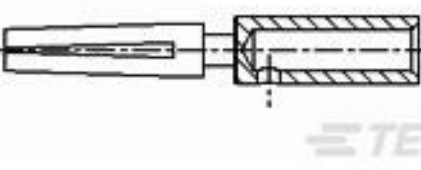
TE Part #641971-1
[09P UMNL PIN HDR ASSY V2 NATL](#)



TE Part #1-794065-1
[08P MINI UMNL HDR W/DH AU LF](#)



TE Part #4-794632-2
[12P MICRO MNL ASSY,VRT,HDR,LF](#)



TE Part #5-1437720-7
[T01-CRIMP-S05=TRIAD](#)



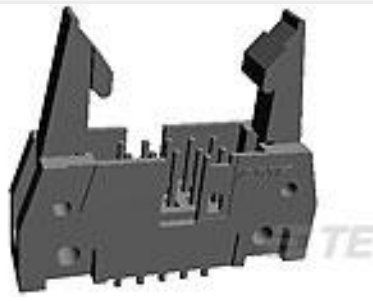
TE Part #2-1445053-3
[MICRO MNL HDR ASSY S/ROW LF](#)



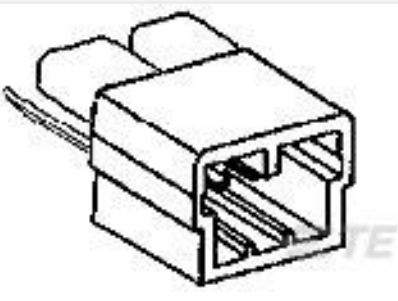
TE Part #1534238-1
[MESSERLEISTE 21P](#)



TE Part #2174053-1
[ENC. CBL I/O KIT, M-MOTOR PLUS](#)



TE Part #5499206-4
[A/L UNIV HDR 20P VERT LAT](#)



TE Part #1-917048-1
[070 MLC CAP ASSY 3P WITH SCREW](#)

Documents

Product Drawings

[MAG-MATE 250 F. TAB TPBR](#)

Japanese

[MAG-MATE 250 F. TAB TPBR](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_63881-1_E_c-63881-1-e.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_63881-1_E_c-63881-1-e.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_63881-1_E_c-63881-1-e.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

Instruction Sheets
Instruction Sheet (non U.S.)

Japanese