

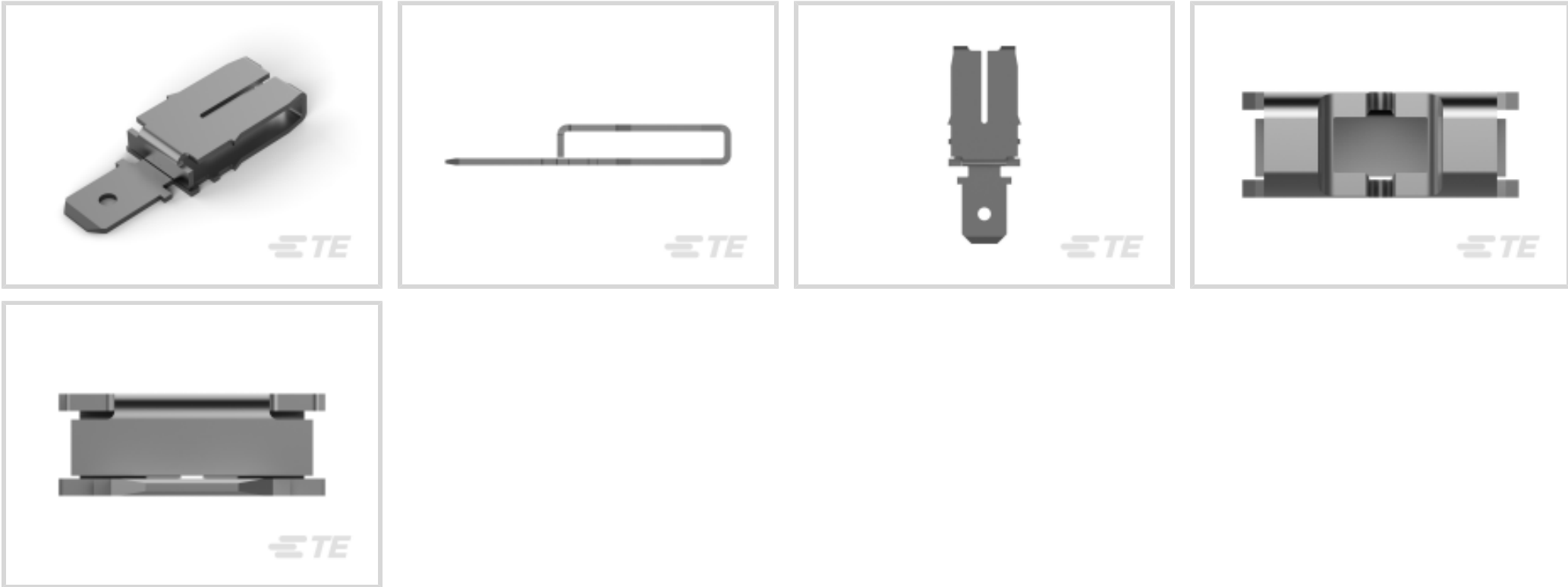


MAG-MATE

TE Internal #: 63643-1
Magnet Wire Terminals, Tab, Mating Tab Width .188 in [4.78 mm],
Size 4, 18.5 - 16.5 AWG Aluminum Wire, .97 - 1.22 mm Aluminum
Wire, MAG-MATE

[View on TE.com >](#)

Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Tab**
Mating Tab Width: **4.78 mm [.188 in]**
Mating Tab Thickness: **.51 mm [.02 in]**
Compatible With Cavity Size: **Size 4**
Aluminum Wire Size: **18.5 - 16.5 AWG**

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	4.78 mm[.188 in]
Mating Tab Thickness	.51 mm[.02 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	.97 - 1.22 mm
Magnet Wire Size	.91 - 1.15 mm
Stock Thickness (Magnet Wire Side)	.51 mm[.02 in]
Product Length	21.08 mm[.83 in]

Usage Conditions

Insulation Option	Uninsulated
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Operation/Application

Compatible With Wire Base Material	Aluminum, Copper
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Identification Marking

Identification Number	24
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Packaging Features

Packaging Quantity	1000
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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # 63145-1 MAG-MATE 110 TAB 17-19 020TPBR	 TE Part # 63667-1 MAG-MATE 187 FAST TAB 020TPBR	 TE Part # 62888-2 MAG-MATE 187 TAB 020 TPBR	 TE Part # 63708-1 TAB MAG-MATE 187 FAST 0198TPBR
 TE Part # 1217356-1 MAG-MATE TERM 19-17 0157 TPNBR	 TE Part # 63878-1 TERM MAG-MATE SPR GRD 125TAB		

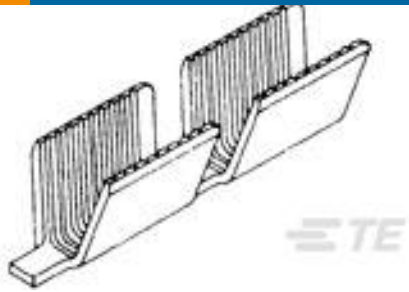
Also in the Series | MAG-MATE

Insertion & Extraction Tools(6)	Magnet Wire Terminals(337)	PCB Terminals(1)

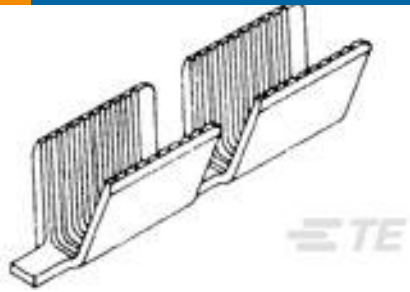
Customers Also Bought

 TE Part # 748364-1 15 HD22 CRIMP SNAP PLUG	 TE Part # 350980-2 .045 POST CONTACT	 TE Part # 60789-3 .058 DIA RECEPTACLE LP 20-24 GPPHBR	 TE Part # 34138 SPLICE,SOLIS PARA 12-10 GPPHBR
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TE Part # 62303-2
AMVAR SPLC 400-1500 016TPBR



TE Part # 62306-2
AMVAR SPLC 1500-5000 020TPBR



TE Part # EG40970001
ES-CAP-NO.1-C1-0-30MM



TE Part # 60-0252-011-000
CONTACT SOCKET 1 MM



TE Part # 61-0232-011-000
CONTACT PIN 1 MM



TE Part # ESB202N00320500000
915 PLUG

Documents

Product Drawings

MAG-MATE 187 FAST TAB 0198TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_63643-1_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_63643-1_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_63643-1_G.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