



MAG-MATE

TE Internal #: 63663-1
Tab, Mating Tab Width 4.78 mm [.188 in], Size 2, 21 – 19 AWG
Aluminum Wire, .41 – .65 mm Aluminum Wire, MAG-MATE,
Magnet Wire Terminals

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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 2**
Aluminum Wire Size: **21 – 19 AWG**

Features

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

Body Features

Compatible With Cavity Size	Size 2
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Dimensions

Aluminum Wire Size	.41 – .65 mm
Magnet Wire Size	.64 – .81 mm
Stock Thickness (Magnet Wire Side)	.41 mm[.016 in]
Product Length	16 mm[.63 in]
Terminal Height	7.68 mm[.3 in]

Termination Features



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

Mating Retention Type	Hole
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Packaging Features

Packaging Method	Reel, Reel/Carton
Packaging Quantity	12000

Operation/Application

Compatible With Wire Base Material	Aluminum, Copper
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Product Type Features

Compatible With Discrete Wire Type	Solid, Magnet Wire
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Usage Conditions

Operating Temperature Range	-65 – 150 °C[-85 – 302 °F]
Insulation Option	Uninsulated

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Identification Marking

Identification Number	15
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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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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>

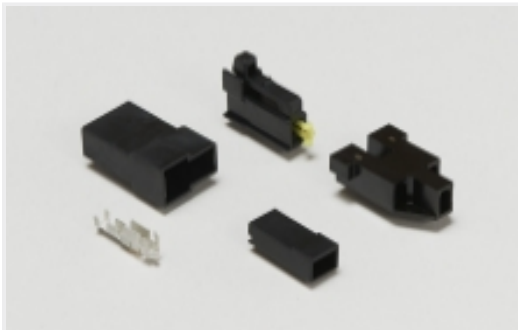
Compatible Parts

 TE Part # 63486-1 MAG-MATE 110 FAST TAB 020 TPBR	 TE Part # 63063-2 TAB, MAG-MATE POKEIN 110F TPBR	 TE Part # 63669-1 MAG-MATE 187 F-TAB TPBR	 TE Part # 63713-2 TAB,187 MAG-MATE SLIM LN 082 B
 TE Part # 63340-1 MAG-MATE 187 FTAB #23 TPBR	 TE Part # 1-1579018-9 INSERTION TOOL	 TE Part # 2825386-1 MAG-MATE 22-20 187 FTAB TPBR	 TE Part # 63441-1 MAG-MATE 110 F TAB 32-34 TPBR
 TE Part # 63668-1 MAG-MATE 187 F-TAB TPBR	 TE Part # 63711-2 TAB 187 MAG-MATE SLIM LN.	 TE Part # 63776-1 TAB,187 FAST MAG-MATE #23 TPBR	 TE Part # 2825062-1 MAG-MATE 22-20 187 FTAB TPBR

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



Insertion & Extraction Tools(6)



Magnet Wire Terminals(337)



PCB Terminals(1)

Customers Also Bought



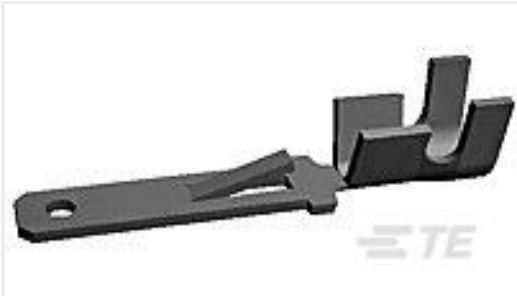
TE Part #177916-1
AMP POWER DBL LOCK TAB (S)



TE Part #350767-1
03P UMNL CAP HSG V0



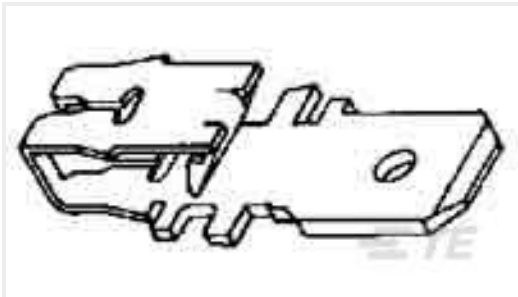
TE Part #63598-1
MAG-MATE 250 F-TAB TPBR



TE Part #293041-2
FF 250 TAB 0.35-1.0MM2 TPBR



TE Part #62935-1
MAG-MATE TERM 27-23 016 TPBR



TE Part #63664-2
MAG-MATE 27-23 187 FTAB TPBR

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_63663-1_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_63663-1_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_63663-1_H.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

Agency Approvals

UL Report

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