

MAG-MATE

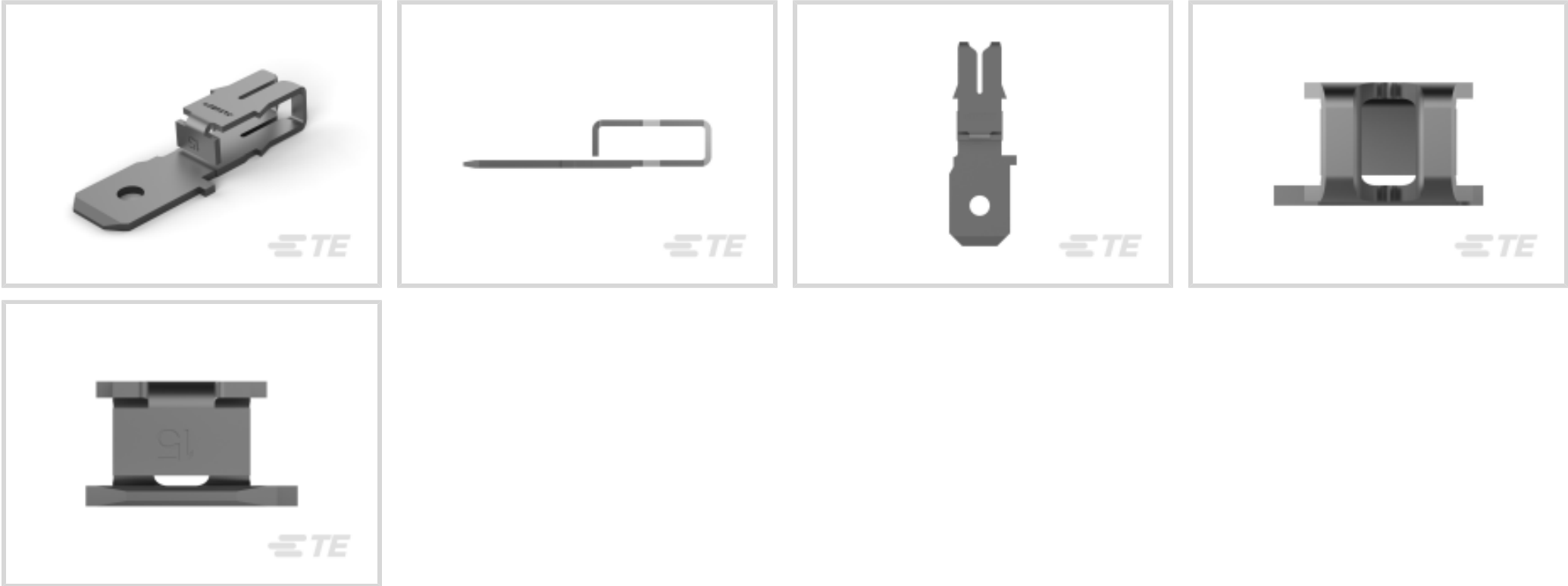
TE Internal #: 63663-2

MAG-MATE, Magnet Wire Terminals, Tab, Tab, Magnet Wire
Terminal Mating Tab Width 4.78 mm [.188 in]

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Terminals & Splices > Magnet Wire Terminals



Terminal & Splice Type: **Tab**
Magnet Wire Terminal Terminal Type: **Tab**
Magnet Wire Terminal Mating Tab Width: **4.78 mm [.188 in]**
Magnet Wire Terminal Mating Tab Thickness: **.51 mm [.02 in]**
Terminal Height: **7.68 mm [.3 in]**

Features

Product Type Features

Magnet Wire Terminal Wire/Cable Type	Magnet Wire
Sealable	No

Body Features

Cavity Size	Size 2
Magnet Wire Terminal Plating Material	Tin

Contact Features

Terminal & Splice Type	Tab
Magnet Wire Terminal Terminal Type	Tab
Magnet Wire Terminal Terminal Orientation	Straight

Termination Features

Magnet Wire Terminal Termination Method	IDC Standard
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Mechanical Attachment

Magnet Wire Terminal Mating Retention Type	Hole
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Dimensions



Magnet Wire Terminal Mating Tab Width	4.78 mm[.188 in]
Magnet Wire Terminal Mating Tab Thickness	.51 mm[.02 in]
Terminal Height	7.68 mm[.3 in]
Aluminum Wire Size	.41 – .65 mm
Magnet Wire Size	22 – 20 AWG
Magnet Wire Terminal Material Thickness	.51 mm[.02 in]
Stock Thickness (Magnet Wire Side)	.41 mm[.016 in]
Magnet Wire Terminal Overall Length	16 mm[.63 in]

Usage Conditions

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

Identification Marking

Identification Number	15
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Packaging Features

Packaging Quantity	12000
Magnet Wire Terminal Packaging Method	Reel, Reel/Carton

Other

Comment	After insertion into plastic cavity, tab portion must be bent over 45°-90° or potted in to prevent pullout when mating receptacle is disconnected., Single magnet wire only.
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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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 # 63668-1 MAG-MATE 187 F-TAB TPBR	 TE Part # 63063-1 MAG-MATE POKE-IN 110F TAB 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 # 63782-1 TAB,187 FAST MAG-MATE 020TPBR	 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 # 63463-1 MAG-MATE W/118 CONN 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 # 63829-1
TERM MAG-MATE 187 FTAB 020TPBR

TE Part # 2825062-1
MAG-MATE 22-20 187 FTAB TPBR

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

Insertion & Extraction Tools(8)

Magnet Wire Terminals(468)

PCB Terminals(1)

Customers Also Bought

TE Part #1-350778-9
02P UMNL V0 CAP HSG BLACK

TE Part #170015-1
FF 110 REC 20-16AWG BR

TE Part #1-350777-9
02P UMNL V0 PLUG HSG BLACK

TE Part #1670146-3
MCON, RECEPTACLE AND TAB

TE Part #DTS20W15-19PN-6149
D38999: Square Flange, 15-19 insert

TE Part #170014-5
FF 110 TAB 20-16AWG BR

TE Part #1-2352002-5
5P MONOPLUG 2.5, SEL

TE Part #2-2323743-0
HOUSING, PLUG, GWT, 20P, DUAL ROW, EP2.5

TE Part #1-354003-1
CRIMPER "F"

TE Part #1-354003-0
CRIMPER "F"



Documents

Product Drawings

MAG-MATE 22-20 187 FTAB TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_63663-2_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_63663-2_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_63663-2_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

Product Environmental Compliance

Product Compliance

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Product Compliance

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