

63668-1 ✓ ACTIVE

MAG-MATE | MAG-MATE 300

TE Internal #: 63668-1

Tab, Mating Tab Width 4.78 mm [.02 in], Size 1, 18.5 – 16.5 AWG

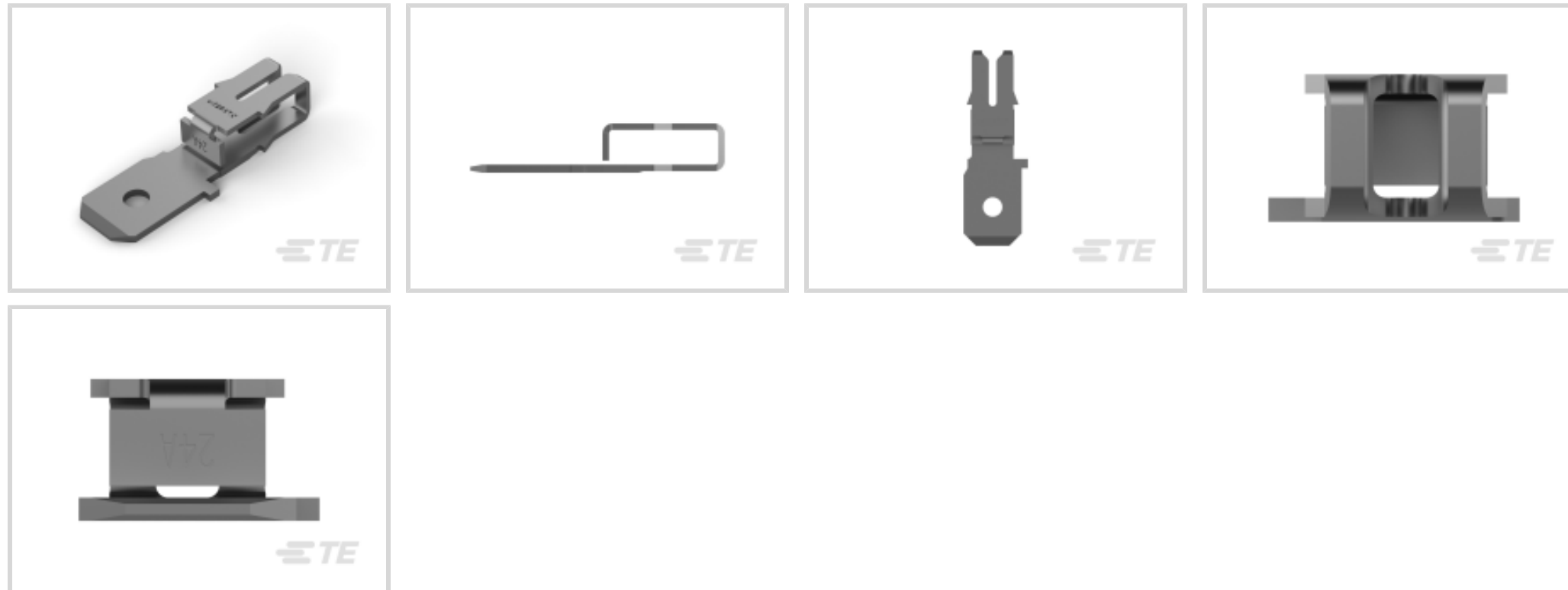
Aluminum Wire, .73 – 1.17 mm Aluminum Wire, MAG-MATE 300,

Magnet Wire Terminals

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Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Tab**

Mating Tab Width: **4.78 mm [.02 in]**

Mating Tab Thickness: **.51 mm [.02 in]**

Compatible With Cavity Size: **Size 1**

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 1
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Contact Features

Magnet Wire Terminal Type	Tab
Mating Tab Width	4.78 mm [.02 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	7.68 mm[.3 in]
Aluminum Wire Size	.73 – 1.17 mm
Magnet Wire Size	.97 – 1.22 mm
Stock Thickness (Magnet Wire Side)	.41 mm[.016 in]
Product Length	16 mm[.63 in]

Usage Conditions

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

Operation/Application

Compatible With Wire Base Material	Aluminum
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Packaging Features

Packaging Method	Reel, 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 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 # 63664-2
MAG-MATE 27-23 187 FTAB TPBR



TE Part # 63663-1
MAG-MATE 22-20 187 FTAB TPBR



TE Part # 63663-2
MAG-MATE 22-20 187 FTAB TPBR



TE Part # 63664-1
MAG-MATE 27-23 187 FTAB TPBR



TE Part # 62511-1
MAG-MATE 22-20 187 F 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 # 63340-1
MAG-MATE 187 FTAB #23 TPBR



TE Part # 62511-2
MAG-MATE 22-20 187 F TAB TPBR



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

Also in the Series | MAG-MATE 300



Magnet Wire Terminals(78)

Customers Also Bought



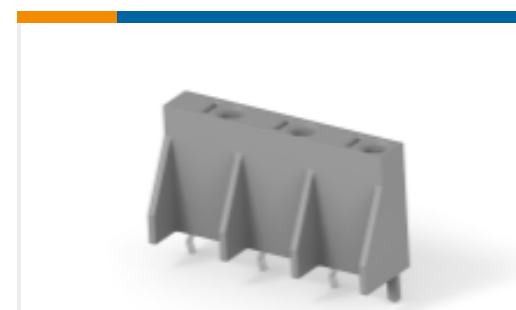
TE Part #1-327743-1
TERMINAL,PIDG R 16-14HD 1/4



TE Part #63665-1
MAG-MATE 187 FAST TAB 020TPBR



TE Part #1-2213629-2
CONN, INLINE VERT SCRLESS,
SPECIAL PACK



TE Part #2213629-3
ASY,IN-LINE VERT SCRLESS,SPECIAL
PACK



TE Part #2271203-1
2PIN WIRE TO WIRE CONNECTOR



TE Part #63863-1
TWIST LOCK RECEPTACLE 18-14
AWG TPPHBZ



TE Part #2315539-1
COVER, LIGHT CONTROLLER, 81MM
DIA., 62MM



TE Part #350700-2
UMNL SPLIT PIN AU/NI/BR

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_63668-1_J.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_63668-1_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_63668-1_J.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

Magnet Wire Terminals & Splices

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English