



MAG-MATE

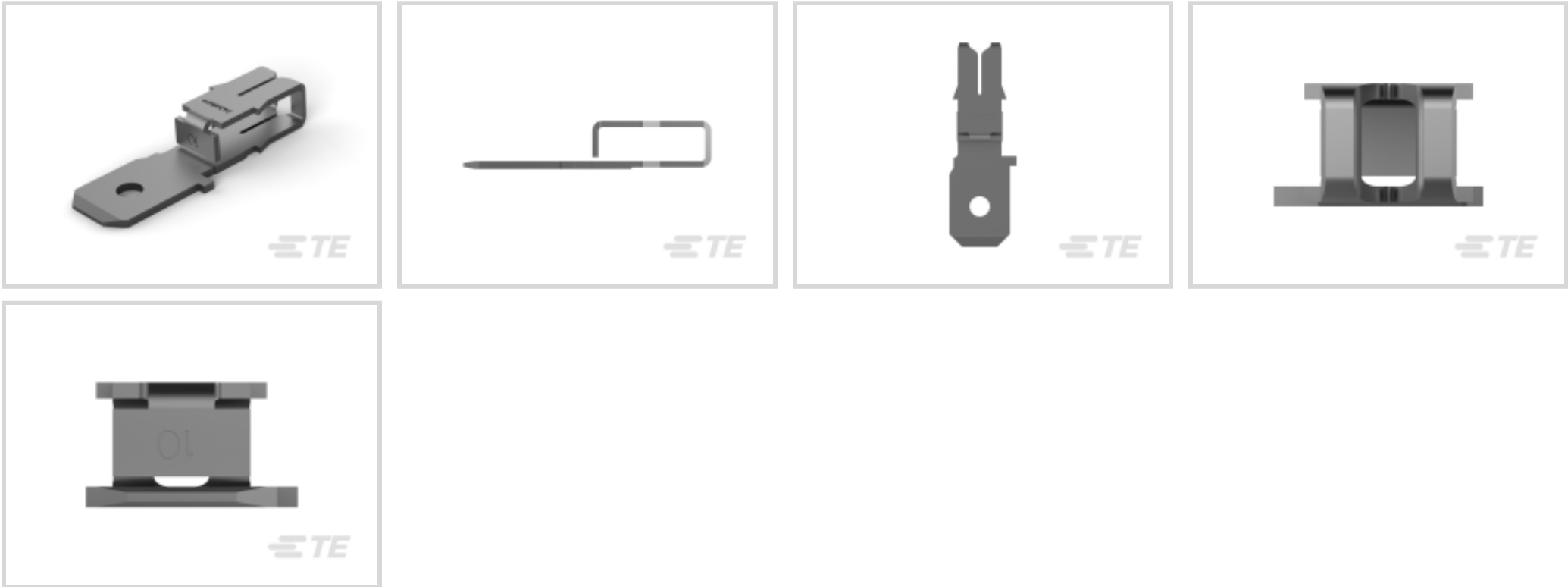
TE Internal #: 63664-1

Tab, Mating Tab Width 4.78 mm [.188 in], Size 2, .36 – .57 mm

Magnet Wire, 27 – 23 AWG Magnet 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**

Magnet Wire Size: **27 – 23 AWG**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid
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Body Features

Compatible With Cavity Size	Size 2
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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	7.62 mm[.3 in]
Magnet Wire Size	.36 – .57 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, Copper
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Identification Marking

Identification Number	10
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Packaging Features

Packaging Quantity	12000
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: 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 # 1217243-1 TAB, 187 FASTON, MAG-MATE	 TE Part # 62514-1 MAG-MATE 27-23 187 F TAB TPBR	 TE Part # 63585-1 MAG-MATE 27-23 187 F TAB TPBR	 TE Part # 62514-2 MAG-MATE 27-23 187 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 # 63973-1 MAG-MATE 118 TAB TPBR	 TE Part # 63827-1 TERMINAL, MAG-MATE F-TAB TPBR
 TE Part # 1-1579018-9 INSERTION TOOL	 TE Part # 63107-1 MAG-MATE 187 F TAB 27-23 TPBR	 TE Part # 63256-1 MAG-MATE 187 FAST TAB 0198TPBR	 TE Part # 63441-1 MAG-MATE 110 F TAB 32-34 TPBR
 TE Part # 63461-1 MAG-MATE 187 F TAB 27-23 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 # 2178984-1
.187 X .032 FASTON TAB, 300 SRS
MAG-MATE

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

Insertion & Extraction Tools(6)

Magnet Wire Terminals(337)

PCB Terminals(1)

Customers Also Bought

TE Part #2-520405-2
ULTRA-FAST 250 ASY REC 22-18 TPBR

TE Part #2-520102-2
ULTRA-FAST 250 ASSEMBLY TAB 22-18 AWG BR

TE Part #350218-1
UMNL PIN 20-14 .0126PTPBR

TE Part #62304-2
AMVAR SPLC 600-3000 020TPBR

TE Part #2232901-1
AMP POWER DBL LOCK REC (L)

TE Part #179720-6
PL 187 (4.8 MM) HOUSING RECEPTACLE

TE Part #2385532-2
2P DR RCPT VAL-U-LOK GWT/V0 plus TPA

TE Part #3-282003-7
AMP MONO-SHAPE TAB CONN 3P. GL

TE Part #2825663-1
MAG-MATE W/250 CONN TAB TPBR



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_63664-1_J.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_63664-1_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_63664-1_J.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

English