

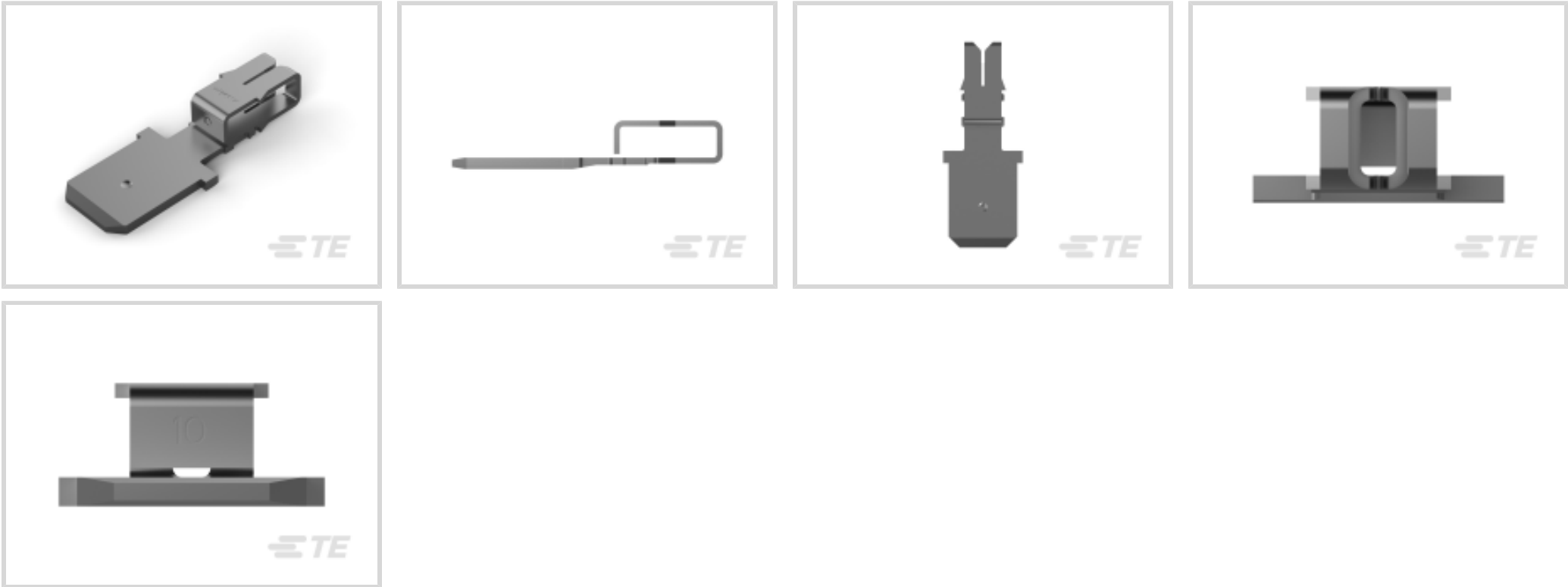


MAG-MATE

TE Internal #: 62657-1
Tab, 6.35 mm [.25 in] Tab Width, .36 – .57 mm Magnet Wire, 27 – 23
AWG Magnet Wire, Insulation Displacement (IDC), MAG-MATE,
Magnet Wire Terminals

[View on TE.com >](#)

Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Tab**
Mating Tab Width: **6.35 mm [.25 in]**
Mating Tab Thickness: **.8 mm [.033 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	6.35 mm[.25 in]
Mating Tab Thickness	.8 mm[.033 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	Dimple
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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	18.97 mm[.746 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	1000
Packaging Method	Bag

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 62653-1 MAG-MATE 250FTAB 22-20 016TPBR	 TE Part # 62652-2 MAG-MATE 250FTAB 27-23 016TPBR	 TE Part # 63571-1 MAG-MATE 250 F-TAB 27-23 TPBR	 TE Part # 63920-1 MAG-MATE 250F TAB 27-23 TPBR
 TE Part # 62653-3 MAG-MATE 250FTAB 22-20 TPBR	 TE Part # 62655-1 MAG-MATE 250FTAB 32-31 010TPBR	 TE Part # 62653-2 MAG-MATE 250FTAB 22-20 016TPB	 TE Part # 1217041-1 TAB, POKE IN PCB 020 TPCUBR
 TE Part # 62658-1 MAG-MATE 250FTAB 22-20 016TPBR	 TE Part # 62651-1 MAG-MATE 250FTAB 30-27 013TPBR	 TE Part # 62652-1 MAG-MATE 250FTAB 27-23 016TPBR	 TE Part # 63571-2 TAB 250 FASTON MAG-MATE

Also in the Series | MAG-MATE

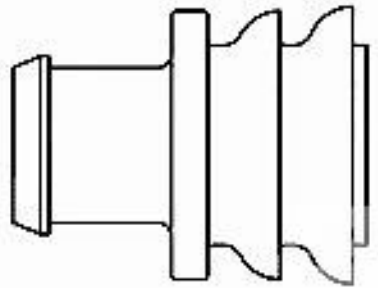
Insertion & Extraction Tools(6)	Magnet Wire Terminals(329)	PCB Terminals(1)

Customers Also Bought





TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT

Documents

Product Drawings

MAG-MATE 250FTAB 27-23 016TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_62657-1_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_62657-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_62657-1_F.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

62657-1

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English