

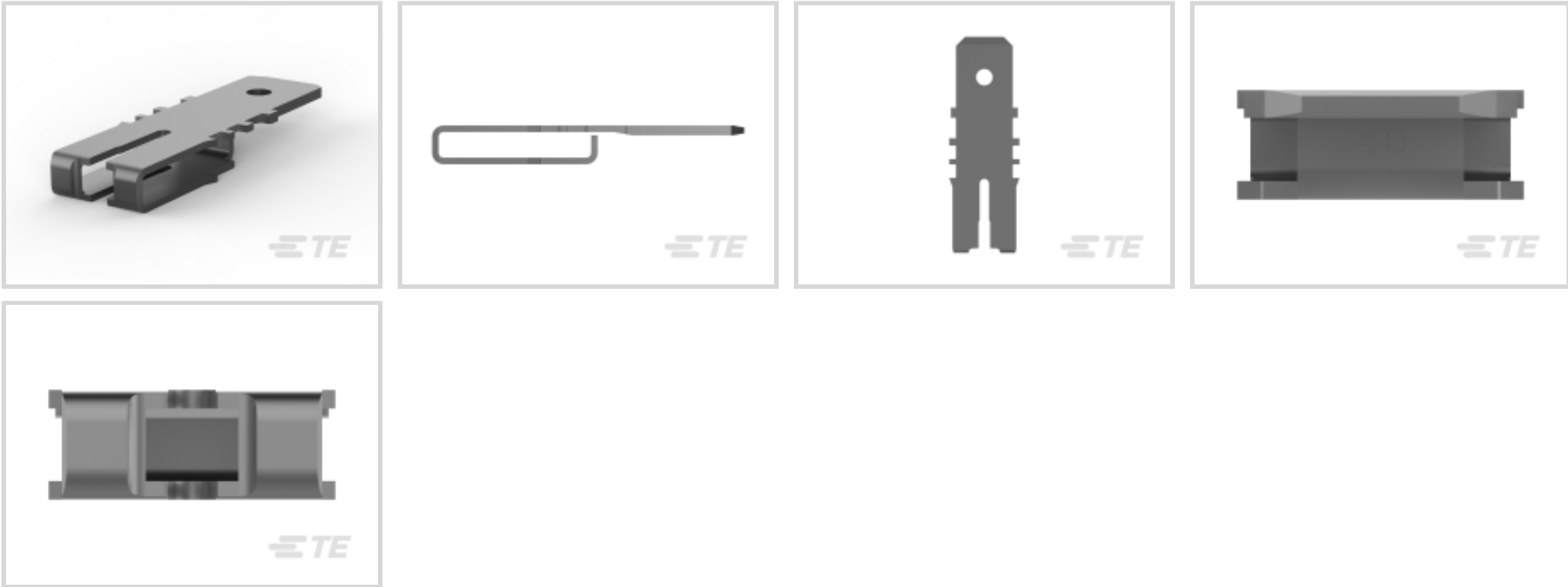


MAG-MATE

TE Internal #: 63881-1
Tab, 6.35 mm [.25 in] Tab Width, 1.37 – 1.54 mm Aluminum Wire, 1.29 – 1.45 mm Magnet Wire, 16 – 15 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: **6.35 mm [.25 in]**
Mating Tab Thickness: **.81 mm [.032 in]**
Compatible With Cavity Size: **Size 4**
Aluminum Wire Size: **1.37 – 1.54 mm**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid
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Body Features

Compatible With Cavity Size	Size 4
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Contact Features

Magnet Wire Terminal Type	Tab
Mating Tab Width	6.35 mm[.25 in]
Mating Tab Thickness	.81 mm[.032 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	12.83 mm[.505 in]
Aluminum Wire Size	1.37 – 1.54 mm
Magnet Wire Size	1.29 – 1.45 mm
Stock Thickness (Magnet Wire Side)	.51 mm[.02 in]
Product Length	24.18 mm[.95 in]

Usage Conditions

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

Operation/Application

Compatible With Wire Base Material	Copper
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Identification Marking

Identification Number	40
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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 # 63598-1
MAG-MATE 250 F-TAB TPBR

TE Part # 63882-1
MAG-MATE 250 F-TAB TPBR

TE Part # 1742398-1
TAB,FASTON,250 SERIES,MAG-MATE

TE Part # 63459-2
MAG-MATE 250 F-TAB 15-16 TPBR

TE Part # 63064-1
MAG-MATE 250 F TAB 032 TPBR

TE Part # 63464-3
MAG-MATE 250 F-TAB TPBR

TE Part # 63495-1
MAG-MATE 250 F-TAB TPBR

TE Part # 63459-3
MAG-MATE 250 F-TAB 15-16 TPBR

Also in the Series | MAG-MATE

Insertion & Extraction Tools(6)

Magnet Wire Terminals(329)

PCB Terminals(1)

Customers Also Bought

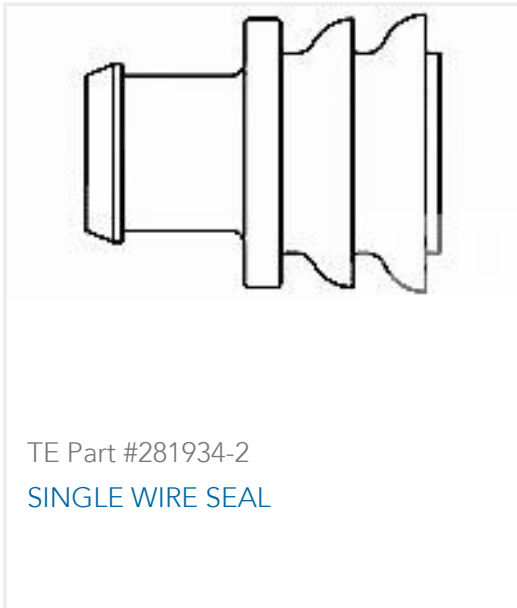




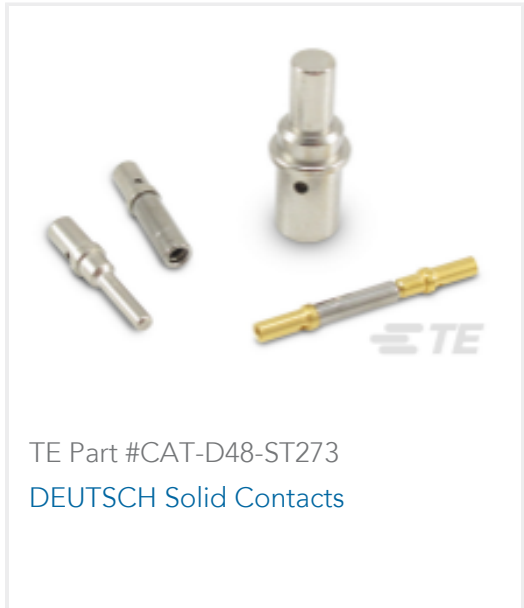
TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



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

Documents

Product Drawings
MAG-MATE 250 F. TAB TPBR

Japanese
MAG-MATE 250 F. TAB TPBR
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_63881-1_E_c-63881-1-e.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_63881-1_E_c-63881-1-e.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_63881-1_E_c-63881-1-e.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



Instruction Sheets

Instruction Sheet (non U.S.)

Japanese