

MAG-MATE

TE Internal #: 63773-1

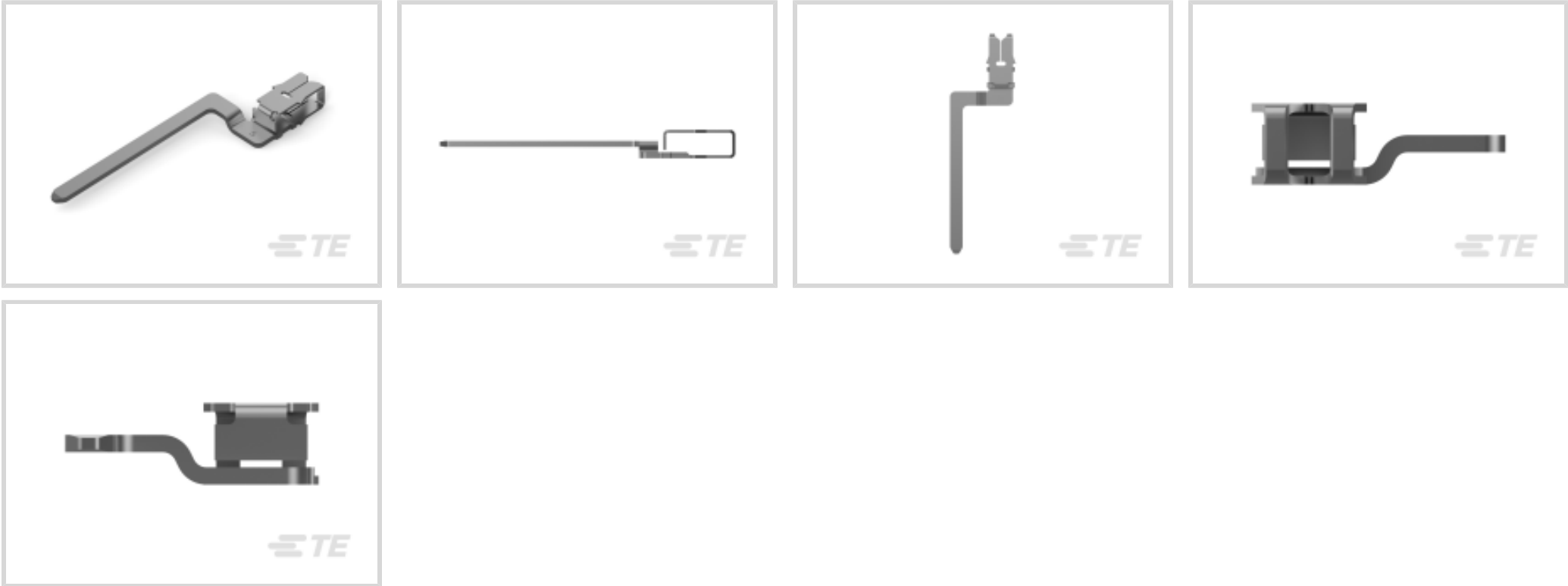
MAG-MATE, Magnet Wire Terminals, Tab, Tab, Magnet Wire

Terminal Mating Tab Width 1.8 mm [.071 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: **1.8 mm [.071 in]**  
Magnet Wire Terminal Mating Tab Thickness: **.64 mm [.025 in]**  
Terminal Height: **7.68 mm [.302 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    |
| Underplating Material                     | Nickel |
| Magnet Wire Terminal Terminal Orientation | Offset |

Termination Features

|                                         |              |
|-----------------------------------------|--------------|
| Magnet Wire Terminal Termination Method | IDC Standard |
|-----------------------------------------|--------------|

Mechanical Attachment

|                         |      |
|-------------------------|------|
| Wire Insulation Support | With |
|-------------------------|------|



Dimensions

|                                           |                   |
|-------------------------------------------|-------------------|
| Magnet Wire Terminal Mating Tab Width     | 1.8 mm[.071 in]   |
| Magnet Wire Terminal Mating Tab Thickness | .64 mm[.025 in]   |
| Terminal Height                           | 7.68 mm[.302 in]  |
| Magnet Wire Size                          | 31 – 28 AWG       |
| Magnet Wire Terminal Material Thickness   | .64 mm[.025 in]   |
| Stock Thickness (Magnet Wire Side)        | .33 mm[.013 in]   |
| Magnet Wire Terminal Overall Length       | 31.25 mm[1.23 in] |

Usage Conditions

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

Identification Marking

|                       |   |
|-----------------------|---|
| Identification Number | 5 |
|-----------------------|---|

Packaging Features

|                                       |                   |
|---------------------------------------|-------------------|
| Packaging Quantity                    | 5000              |
| Magnet Wire Terminal Packaging Method | Reel, Reel/Carton |

Other

|         |                                                                                      |
|---------|--------------------------------------------------------------------------------------|
| Comment | Two magnet wires may be terminated in the same terminal slot if diameters are equal. |
|---------|--------------------------------------------------------------------------------------|

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)<br>Candidate List Declared Against: JAN 2021 (211)<br>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

|                                                          |                                                         |                                                         |                                                          |
|----------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------|
| <br>TE Part # 63760-1<br>MAG-MATE 187 FST TAB 0198 TPBR  | <br>TE Part # 63777-1<br>MAG-MATE 187 F TAB 30-27 TPBR  | <br>TE Part # 63909-1<br>MAG-MATE TAB TERM LH TPBR      | <br>TE Part # 1217032-1<br>MAG-MATE W/118 TAB 33-31 TPBR |
| <br>TE Part # 1742940-1<br>MAG-MATE POST 29-26 0126 TPBR | <br>TE Part # 63447-1<br>MAG-MATE 187 FAST TAB 0198TPBR | <br>TE Part # 63717-2<br>TAB,250 MAG-MATE SLIM LN 30-27 | <br>TE Part # 63807-1<br>TERM, TAB 125 MAG-MATE TPBR     |
| <br>TE Part # 63910-1<br>MAG-MATE TAB TERM RH TPBR       | <br>TE Part # 63926-1<br>TAB, MAG-MATE LH 33-31 TPBR    | <br>TE Part # 63927-1<br>TAB, MAG-MATE RH 33-31 TPBR    |                                                          |

Also in the Series | MAG-MATE



Insertion & Extraction Tools(8)



Magnet Wire Terminals(468)



PCB Terminals(1)

Customers Also Bought



TE Part #0462-209-16141  
DEUTSCH SOLID CONTACTS



TE Part #W6P  
DEUTSCH DT WEDGELOCKS



TE Part #114017-ZZ  
DEUTSCH SEALING PLUGS



TE Part #1318751-4  
HIGH PIN COUNT HEADER



TE Part #1-480698-0  
02P UMNL PLUG HSG NATL



TE Part #1-2291392-2  
MALE ASM, 1 POS, R/A, PCB, FAKRA



TE Part #1-2291392-3  
MALE ASM, 1 POS, R/A, PCB, FAKRA

Documents

Product Drawings

MAG-MATE CONN TAB TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_63773-1\_T.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_63773-1\_T.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_63773-1\_T.3d\_stp.zip

English

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Datasheets & Catalog Pages

Magnet Wire Terminals & Splices

English

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English