

63601-2 ✓ ACTIVE

## MAG-MATE

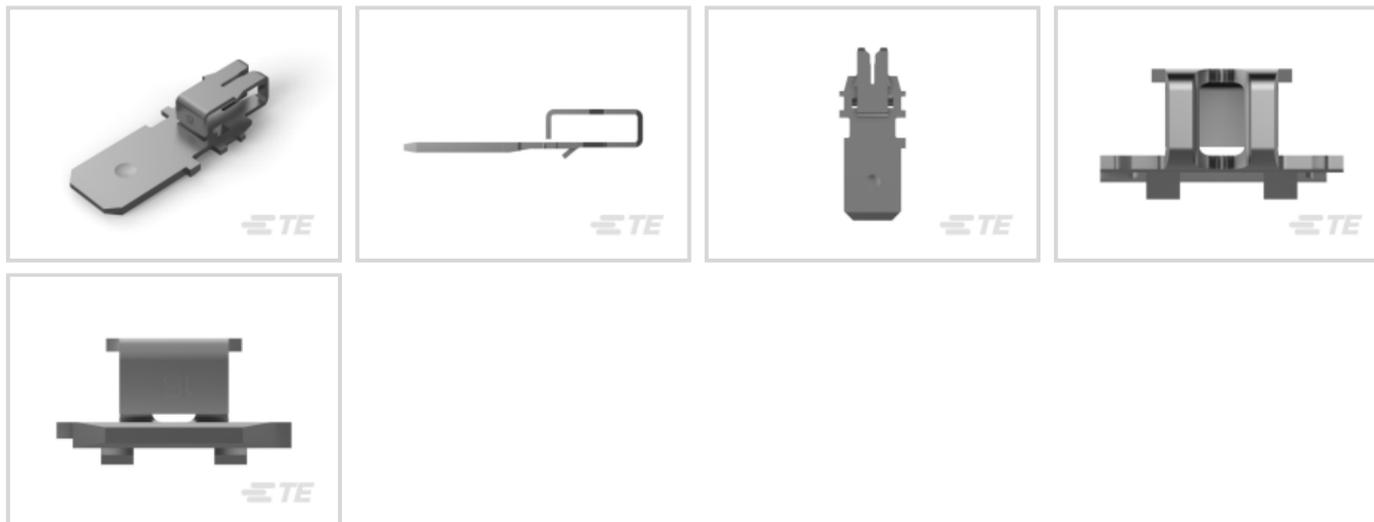
TE Internal #: 63601-2

Magnet Wire Terminals, Tab, Mating Tab Width .25 in [6.35 mm],  
Size 3, .41 – .91 mm Aluminum Wire, 21 – 19 AWG Aluminum Wire,  
MAG-MATE

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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: **.8 mm [ .032 in ]**

Compatible With Cavity Size: **Size 3**

Aluminum Wire Size: **21 – 19 AWG**

### Features

#### Product Type Features

|                                    |                    |
|------------------------------------|--------------------|
| Compatible With Discrete Wire Type | Magnet Wire, Solid |
| Sealable                           | No                 |

#### Body Features

|                             |        |
|-----------------------------|--------|
| Body Shape                  | Wide   |
| Compatible With Cavity Size | Size 3 |

#### Contact Features

|                           |                  |
|---------------------------|------------------|
| Magnet Wire Terminal Type | Tab              |
| Mating Tab Width          | 6.35 mm [.25 in] |
| Mating Tab Thickness      | .8 mm [.032 in]  |
| Terminal Plating Material | Tin              |
| Terminal Orientation      | Straight         |

#### Termination Features

|                                    |                               |
|------------------------------------|-------------------------------|
| Termination Method to Wire & Cable | Insulation Displacement (IDC) |
|------------------------------------|-------------------------------|



### Mechanical Attachment

|                               |        |
|-------------------------------|--------|
| Contact Mating Retention Type | Dimple |
|-------------------------------|--------|

### Dimensions

|                                    |                   |
|------------------------------------|-------------------|
| Terminal Height                    | 7.68 mm[.3 in]    |
| Aluminum Wire Size                 | .41 – .91 mm      |
| Magnet Wire Size                   | .64 – .81 mm      |
| Stock Thickness (Magnet Wire Side) | .41 mm[.016 in]   |
| Overall 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 |
|------------------------------------|------------------|

### Identification Marking

|                       |    |
|-----------------------|----|
| Identification Number | 15 |
|-----------------------|----|

### Packaging Features

|                    |                   |
|--------------------|-------------------|
| Packaging Quantity | 7000              |
| Packaging Method   | Reel, Reel/Carton |

### Other

|         |  |
|---------|--|
| Comment | Half hard temper brass, Single magnet wire only., With Latches |
|---------|--|

### 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 2022 (224)<br>Candidate List Declared Against: JUNE 2022 (224)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC  |

Free

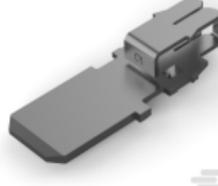
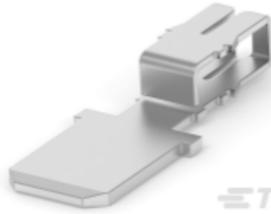
Solder Process Capability

Not applicable for solder process capability

Product Compliance Disclaimer

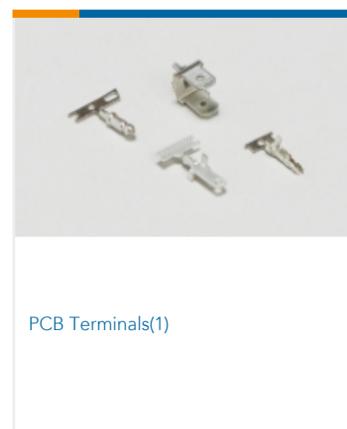
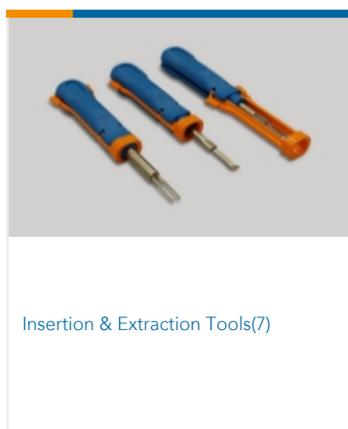
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

|   |   |   |  |
|---|---|---|--|
|  <p>TE Part # 63499-1<br/>MAG-MATE 250 F TAB 30-27 TPBR</p>  |  <p>TE Part # 63571-1<br/>MAG-MATE 250 F-TAB 27-23 TPBR</p>  |  <p>TE Part # 63128-3<br/>TAB, .250 FASTON,MAG-MATE</p>        |  <p>TE Part # 63309-2<br/>MAG-MATE 250F-TAB 33-31 TPBR</p>  |
|  <p>TE Part # 63571-2<br/>TAB 250 FASTON MAG-MATE</p>        |  <p>TE Part # 63614-1<br/>MAG-MATE 250 TAB 19-17 TPBR</p>    |  <p>TE Part # 1217031-1<br/>MAG-MATE 250FTAB 22-20 016TPBR</p> |  <p>TE Part # 1742518-1<br/>TAB,FASTON,.250 LP,MAG-MATE</p> |
|  <p>TE Part # 2232683-1<br/>MAG-MATE W/250 CONN TAB TPBR</p> |  <p>TE Part # 62653-1<br/>MAG-MATE 250FTAB 22-20 016TPBR</p> |  <p>TE Part # 62653-2<br/>MAG-MATE 250FTAB 22-20 016TPB</p>    |  <p>TE Part # 62653-3<br/>MAG-MATE 250FTAB 22-20 TPBR</p>   |



## Also in the Series | MAG-MATE



## Documents

### Product Drawings

MAG-MATE 250 FAST TAB 22-20

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_63601-2\\_R.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_63601-2\\_R.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_63601-2\\_R.3d\\_stp.zip](#)

English



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## Datasheets & Catalog Pages

### Magnet Wire Terminals & Splices

English

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## Product Specifications

### Application Specification

English

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## Product Environmental Compliance

### Product Compliance

English

### Product Compliance

English