



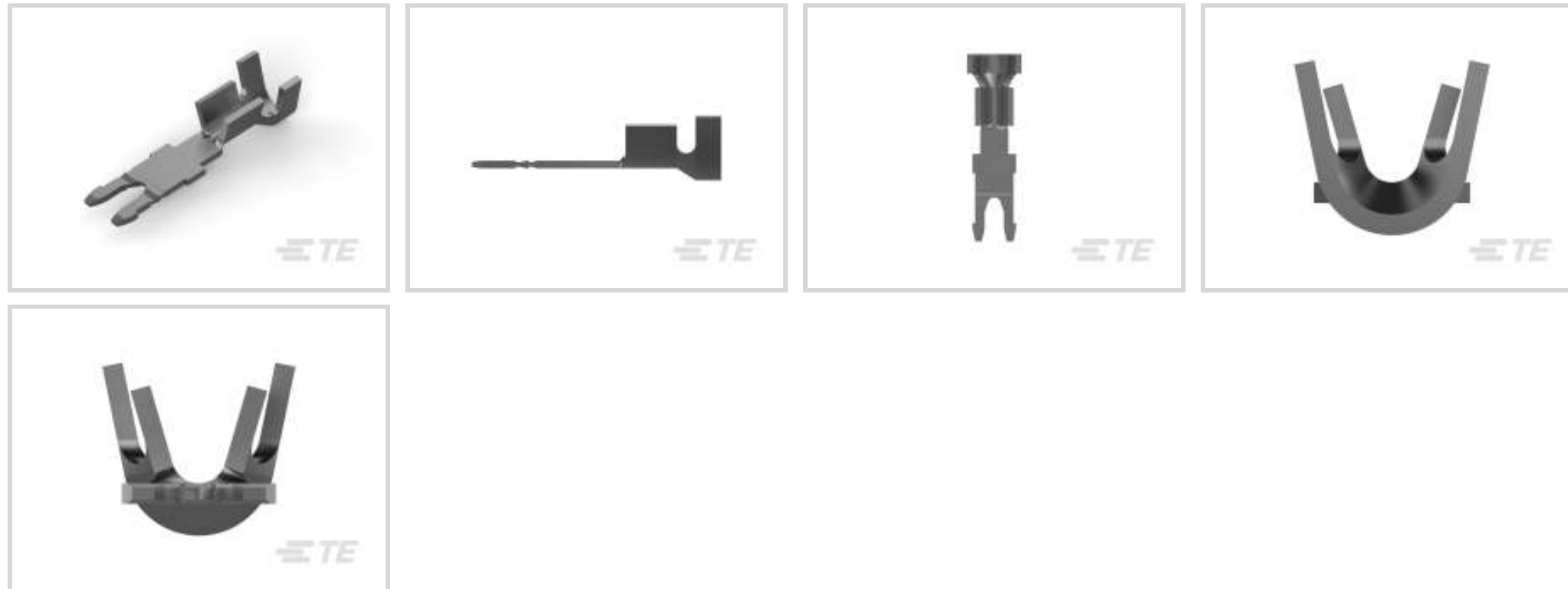
**MAG-MATE**

TE Internal #: 281623-2

Magnet Wire Terminals, Poke-In, Lead Wire Size 22 – 18 AWG,  
Lead Wire Size .326 – .8 mm<sup>2</sup>, Insulation Displacement (IDC) /  
Crimp, MAG-MATE

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Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Poke-In**

Compatible Insulation Diameter (Max): **3 mm [ .118 in ]**

Compatible Insulation Diameter Range: **3 mm [ .118 in ]**

Lead Wire Size: **.326 – .8 mm<sup>2</sup>**

**Features**

**Product Type Features**

|                                    |                 |
|------------------------------------|-----------------|
| Compatible With Discrete Wire Type | Solid, Stranded |
|------------------------------------|-----------------|

**Contact Features**

|                           |          |
|---------------------------|----------|
| Magnet Wire Terminal Type | Poke-In  |
| Terminal Plating Material | Tin      |
| Terminal Orientation      | Straight |

**Termination Features**

|                                    |                                      |
|------------------------------------|--------------------------------------|
| Termination Method to Wire & Cable | Crimp, Insulation Displacement (IDC) |
| Crimp Area Length                  | 7.87 mm[.31 in]                      |

**Mechanical Attachment**

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

**Dimensions**

|                                      |                  |
|--------------------------------------|------------------|
| Terminal Height                      | 3.37 mm[.133 in] |
| Compatible Insulation Diameter (Max) | 3 mm[.118 in]    |
| Compatible Insulation Diameter Range | 3 mm[.118 in]    |



|                |                           |
|----------------|---------------------------|
| Lead Wire Size | .326 – .8 mm <sup>2</sup> |
|----------------|---------------------------|

|                                    |                 |
|------------------------------------|-----------------|
| Stock Thickness (Magnet Wire Side) | .45 mm[.018 in] |
|------------------------------------|-----------------|

|                |                  |
|----------------|------------------|
| Product Length | 18.4 mm[.722 in] |
|----------------|------------------|

### Usage Conditions

|                   |             |
|-------------------|-------------|
| Insulation Option | Uninsulated |
|-------------------|-------------|

### Operation/Application

|                                    |        |
|------------------------------------|--------|
| Compatible With Wire Base Material | Copper |
|------------------------------------|--------|

### Packaging Features

|                  |                   |
|------------------|-------------------|
| 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 2023 (235)<br>Candidate List Declared Against: JUNE 2023 (235)<br>Does not contain REACH SVHC |
|--|---|

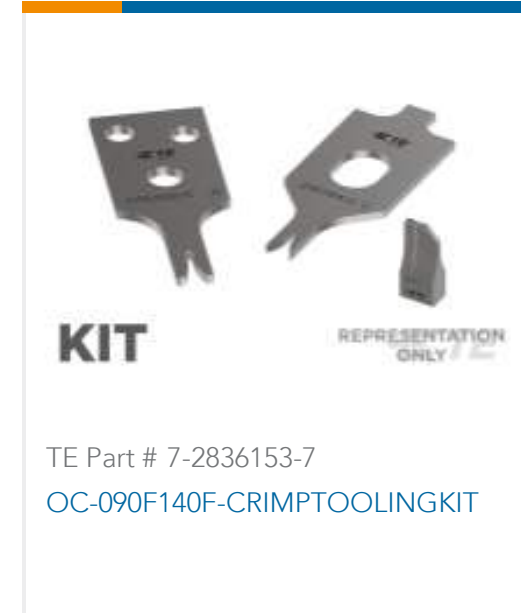
|                 |   |
|-----------------|---|
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
|-----------------|---|

|                           |  |
|---------------------------|--|
| Solder Process Capability | Not applicable for solder process capability |
|---------------------------|--|

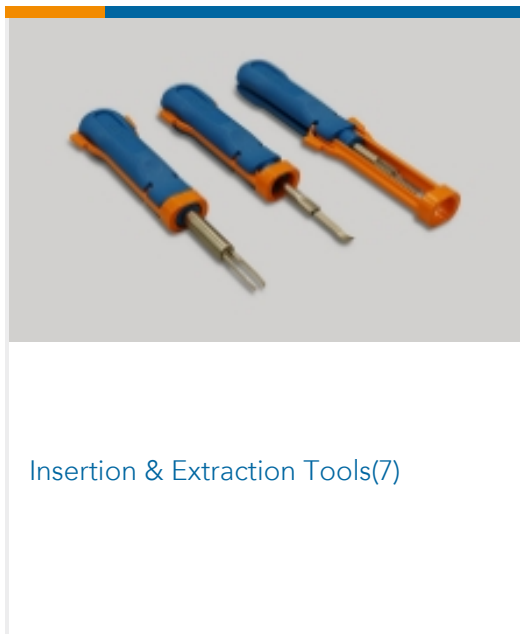
#### Product Compliance Disclaimer

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>

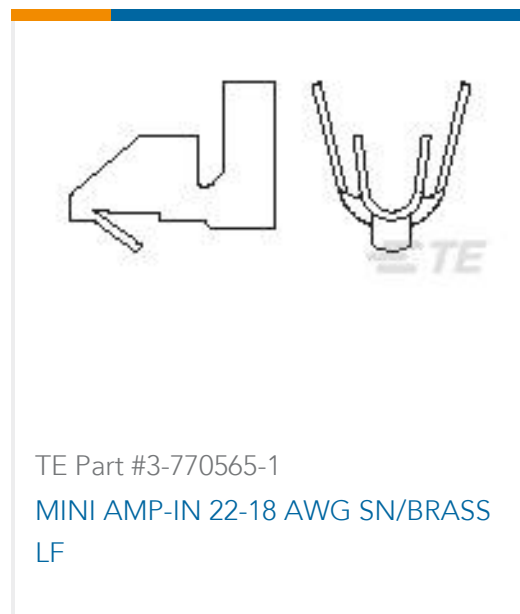
## Compatible Parts



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



Customers Also Bought





## Documents

### Product Drawings

#### MAG-MATE TERMINALS

English

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### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_281623-2\\_D.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_281623-2\\_D.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_281623-2\\_D.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### Datasheets & Catalog Pages

#### Magnet Wire Terminals & Splices

English

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### Product Environmental Compliance

#### TE Material Declaration

English