

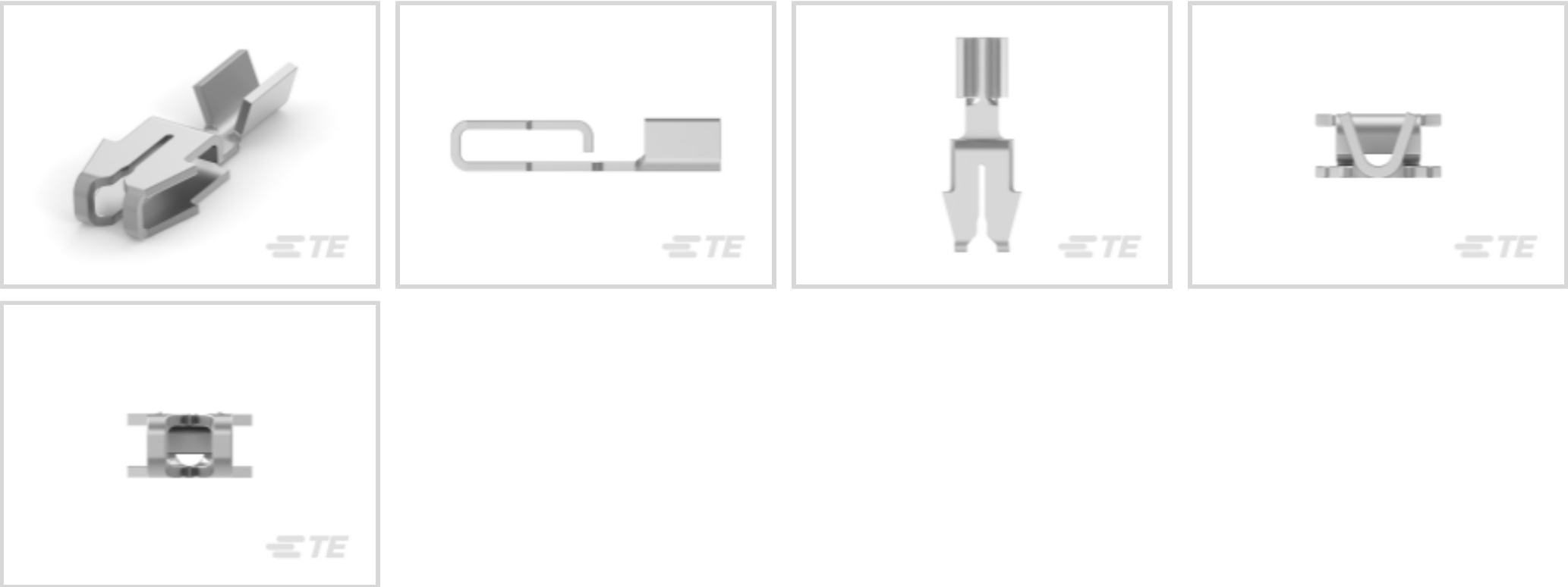


MAG-MATE

TE Internal #: 62609-1
Magnet Wire Terminals, F-Crimp, Size 1, Lead Wire Size 26 – 22 AWG, Lead Wire Size .12 – .4 mm², .36 – .45 mm Magnet Wire, MAG-MATE

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Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **F-Crimp**
Compatible With Cavity Size: **Size 1**
Lead Wire Size: **.12 – .4 mm²**
Magnet Wire Size: **27 – 25 AWG**

Features

Product Type Features

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

Body Features

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|-----------------------------|--------|
| Compatible With Cavity Size | Size 1 |
|-----------------------------|--------|

Contact Features

| | |
|---------------------------|----------|
| Magnet Wire Terminal Type | F-Crimp |
| Terminal Plating Material | Tin |
| Terminal Orientation | Straight |

Termination Features

| | |
|------------------------------------|--------------------------------------|
| Termination Method to Wire & Cable | Crimp, Insulation Displacement (IDC) |
| Crimp Area Length | 2.54 mm[.1 in] |

Dimensions

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|------------------|--------------------------|
| Terminal Height | 4.75 mm[.187 in] |
| Lead Wire Size | .12 – .4 mm ² |
| Magnet Wire Size | .36 – .45 mm |



| | |
|------------------------------------|------------------|
| Stock Thickness (Magnet Wire Side) | .31 mm[.012 in] |
| Product Length | 9.02 mm[.355 in] |

Usage Conditions

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

Operation/Application

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

Packaging Features

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

Other

| | |
|-----------------------------|---|
| Terminals & Splices Comment | Stranded, fused stranded or solid lead wire, 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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 |


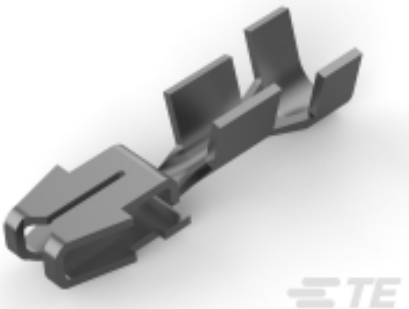
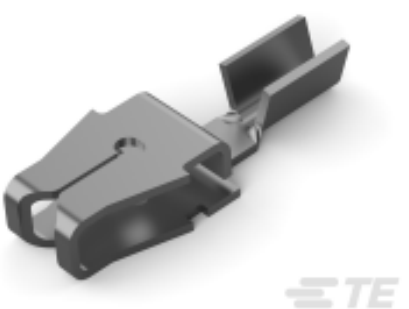


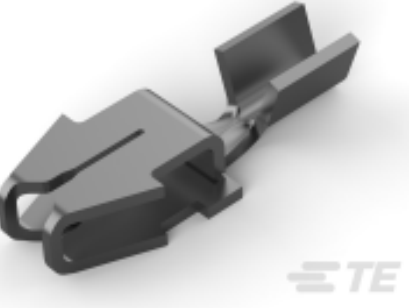



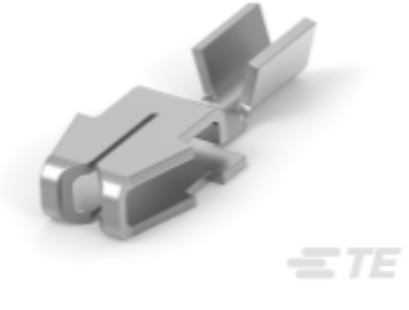
Product Compliance Disclaimer

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 # 1217146-1 TERMINAL, F-CRIMP MAG-MATE</p> |  <p>TE Part # 63856-2 TERMINAL, F-CRIMP, MAG-MATE</p> |  <p>TE Part # 63039-1 MAG-MATE W/BBL 33-31 010TPBR</p> |  <p>TE Part # 63856-1 TERM MAG-MATE F-CRIMP 0126TPBR</p> |
|  <p>TE Part # 62438-1 MAG-MATE POST 25-27 013 TPBR</p> |  <p>TE Part # 62608-1 MAG-MATE W/BBL 30-28 013TPBR</p> |  <p>TE Part # 1217013-1 TAB, 059 MAG-MATE TPBR</p> |  <p>TE Part # 62608-3 TERM MAG-MATE F CRIMP 0126TPBR</p> |
|  <p>TE Part # 62610-1 MAG-MATE W/BBL 24-22 013 TPBR</p> |  <p>TE Part # 63036-1 MAG-MATE W/BBL 30-28 013TPBR</p> | | |

Also in the Series | MAG-MATE

| | | |
|--|---|---|
|  <p>Insertion & Extraction Tools(6)</p> |  <p>Magnet Wire Terminals(435)</p> |  <p>PCB Terminals(1)</p> |
|--|---|---|

Customers Also Bought



Documents

Product Drawings

MAG-MATE W/BBL 27-25 013 TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_62609-1_AJ.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_62609-1_AJ.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_62609-1_AJ.3d_stp.zip

English

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Datasheets & Catalog Pages

Magnet Wire Terminals & Splices

English

Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

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Product Compliance

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