

**1742203-1**

✓ ACTIVE

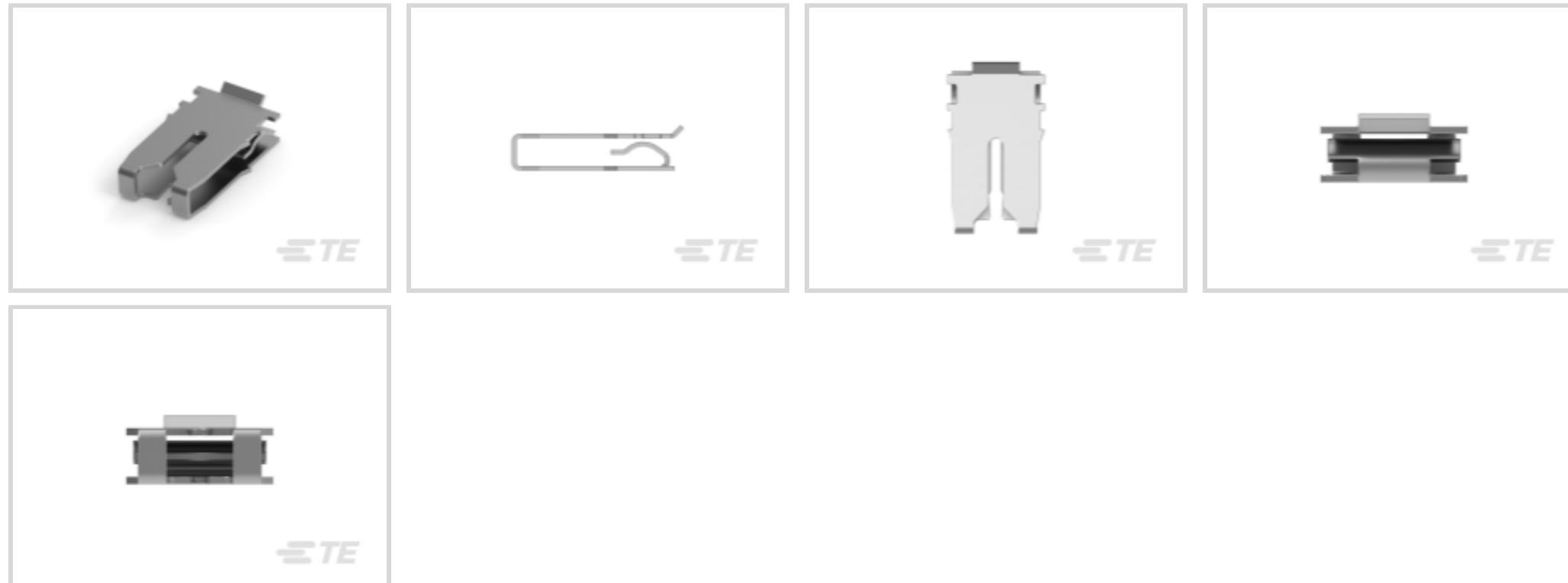
**MAG-MATE**

TE Internal #: 1742203-1

Leaf, 1.03 – 1.3 mm Magnet Wire, 17 – 16 AWG Magnet Wire,  
Insulation Displacement (IDC), Tin Plating, MAG-MATE, Magnet  
Wire Terminals

[View on TE.com >](#)

Terminals &amp; Splices &gt; Magnet Wire Terminals

Magnet Wire Terminal Type: **Leaf**Compatible With Cavity Size: **Size 4**Magnet Wire Size: **1.03 – 1.3 mm**Termination Method to Wire & Cable: **Insulation Displacement (IDC)****Features****Usage Conditions**

Insulation Option	Uninsulated
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**Product Type Features**

Compatible With Discrete Wire Type	Solid, Magnet Wire
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**Body Features**

Compatible With Cavity Size	Size 4
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**Contact Features**

Magnet Wire Terminal Type	Leaf
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Terminal Plating Material	Tin
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Contact Underplating Material	Nickel
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Terminal Orientation	Straight
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**Termination Features**

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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**Dimensions**

Magnet Wire Size	1.03 – 1.3 mm
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Stock Thickness (Magnet Wire Side)	.39 mm[.016 in]
Product Length	13.08 mm[.515 in]

### Operation/Application

Compatible With Wire Base Material	Copper
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### Packaging Features

Packaging Method	Reel
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### Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

### Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

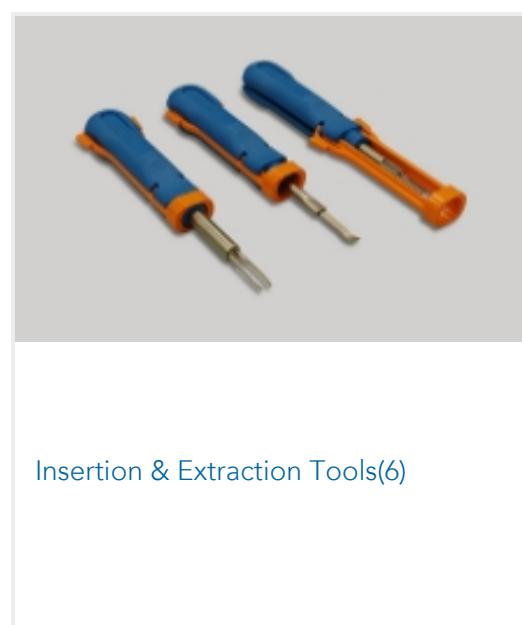
#### Product Compliance Disclaimer

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 # 1217068-1  
MAG-MATE TERMINAL 19-17 TPBRTE Part # 6-316300-7  
STD MAG-MATE POKE-IN WITH .187TE Part # 1217357-1  
MAG-MATE TERM 21-19 0157 TPNBRTE Part # 1217355-1  
MAG-MATE TERM 16-15 0157 TPNBRTE Part # 1217128-1  
TAB,.187FAST 300SERIES MAG-MATETE Part # 316300-5  
STD MAG-MATE .187 POKE-IN TABTE Part # 1217358-1  
MAG-MATE TERM 23-21 0157 TPNBRTE Part # 2825380-1  
MAG-MATE TERM 20-22 016 TPBRTE Part # 1217356-1  
MAG-MATE TERM 19-17 0157 TPNBR

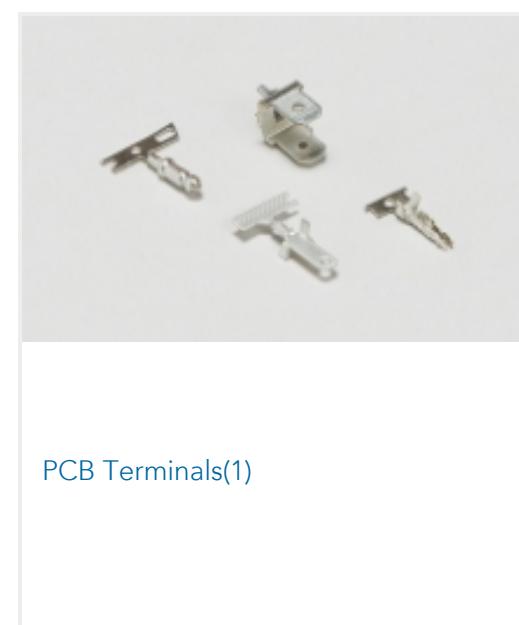
## Also in the Series | MAG-MATE



Insertion &amp; Extraction Tools(6)



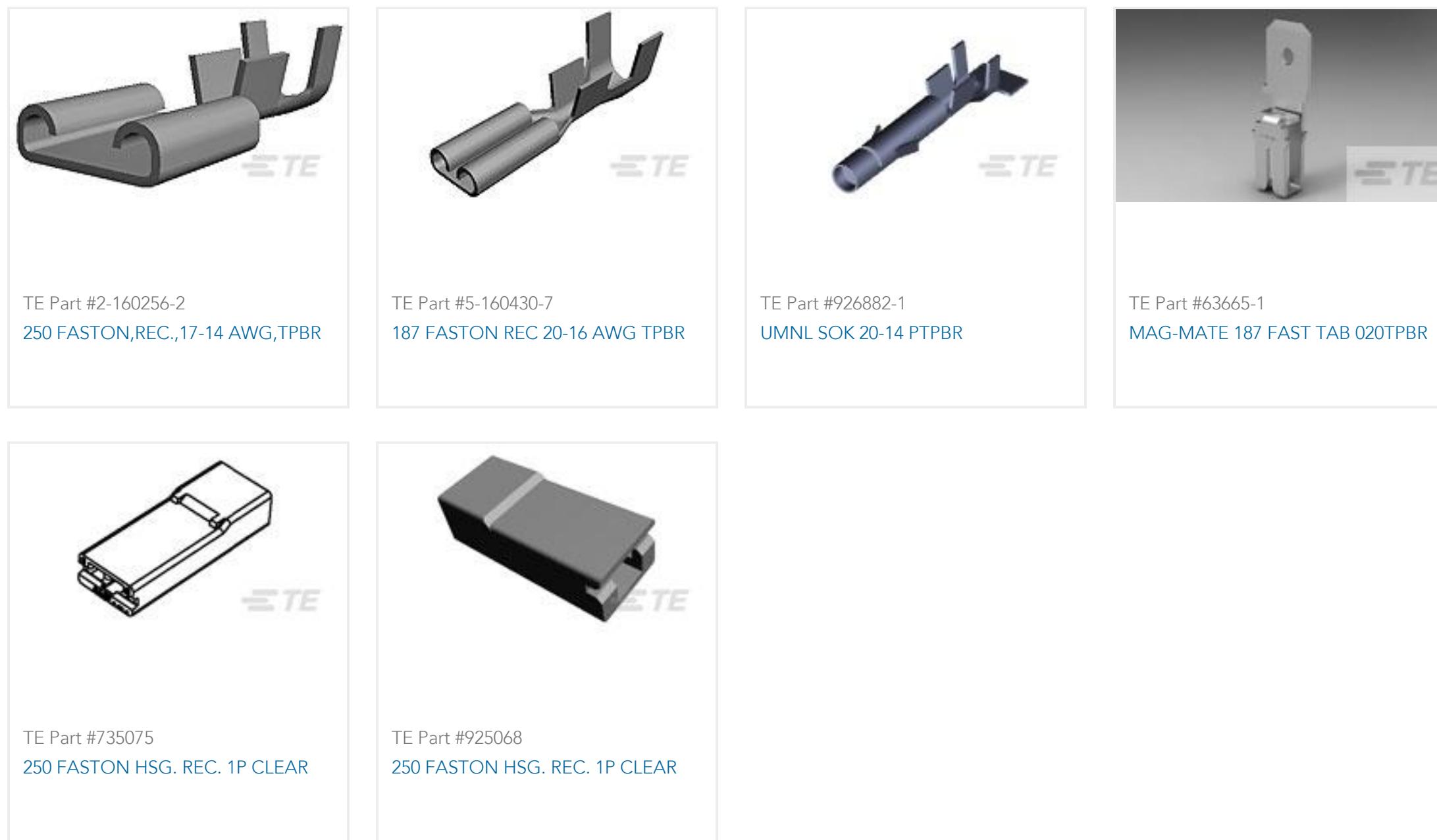
Magnet Wire Terminals(329)



PCB Terminals(1)

## Customers Also Bought

TE Part #350810-1  
05P UMNL CAP HSGTE Part #42098-2  
FF 250 TAB 18-14 AWG PTPBTE Part #5-160558-2  
FF 250 REC 0.5-1.5MM2 TPBRTE Part #160533-2  
110 FASTON,REC.,20-17 AWG,TPBR



## Documents

### Product Drawings

[SPEC LEAF CONT,500SER,MAG-MATE](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1742203-1\\_C.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1742203-1\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1742203-1\\_C.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

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