

1534686-1 ✓ ACTIVE



## MAG-MATE

TE Internal #: 1534686-1

Solder Post, Mating Tab Width 1 mm [.039 in], .45 – .63 mm Magnet

Wire, 26 – 23 AWG Magnet Wire, MAG-MATE, Magnet Wire

Terminals

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Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Solder Post**

Mating Tab Width: **1 mm [.039 in]**

Mating Tab Thickness: **.6 mm [.024 in]**

Magnet Wire Size: **.45 – .63 mm**

### Features

#### Contact Features

Magnet Wire Terminal Type	Solder Post
Mating Tab Width	1 mm [.039 in]
Mating Tab Thickness	.6 mm [.024 in]
Terminal Plating Material	Tin
Terminal Orientation	Straight

#### Dimensions

Magnet Wire Size	.45 – .63 mm
Stock Thickness (Magnet Wire Side)	.32 mm [.013 in]
Product Length	8.2 mm [.322 in]
Terminal Height	8.2 mm [.322 in]

#### Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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#### Mechanical Attachment

Mating Retention Type	Barbs
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Wire Insulation Support	Without
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### Packaging Features

Packaging Method	Reel, Reel/Carton
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### Operation/Application

Compatible With Wire Base Material	Copper
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### Product Type Features

Compatible With Discrete Wire Type	Solid, Magnet Wire
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### Usage Conditions

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

EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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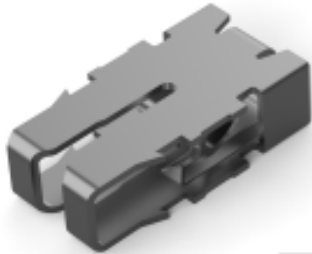



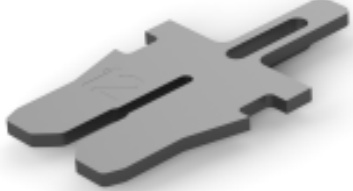

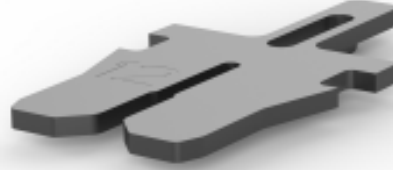








Solder Process Capability	Wave solder capable to 265°C
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#### Product Compliance Disclaimer

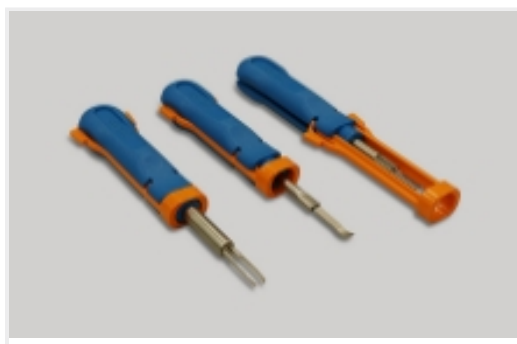
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

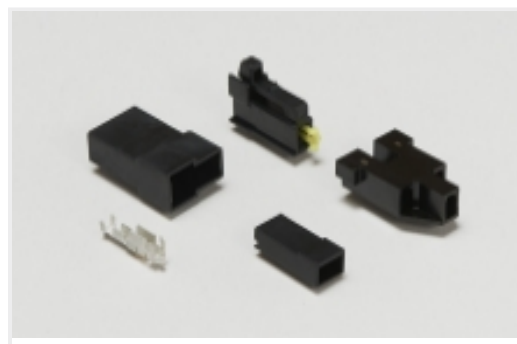
## Compatible Parts

 <p>TE Part # 1-1534686-7 MAG-MATE CONTACT WITH SOLDER PIN</p>	 <p>TE Part # 1534234-1 MAG-MATE TAB REC4,8</p>	 <p>TE Part # 1740829-2 MAG MATE CONTACT WITH SOLDER PIN</p>	 <p>TE Part # 1534685-1 MAG MATE CONT .300 SOLDER POST</p>
 <p>TE Part # 1987501-1 MAG-MATE WITH SOLDER PIN SIZE 0.187</p>	 <p>TE Part # 1-1534686-1 MAG MATE CONT WITH SOLDER PIN</p>	 <p>TE Part # 1534684-1 MAG MATE CONT .300 SOLDER POST</p>	 <p>TE Part # 1987500-1 MAG-MATE WITH SOLDER PIN SIZE 0.187</p>
 <p>TE Part # 1-1534685-1 MAG MATE .300 SOLDER POST</p>	 <p>TE Part # 1534680-1 MAG MATE CONT 187, SOLDER PIN</p>	 <p>TE Part # 1534686-7 MAG-MATE CONTACT WITH SOLDER PIN</p>	 <p>TE Part # 1534687-1 MAG-MATE CONTACT WITH SOLDER-PIN</p>
 <p>TE Part # 1740603-1 MAG MATE LEAF TERMINAL</p>	 <p>TE Part # 1740829-1 MAG MATE CONTACT WITH SOLDER PIN</p>	 <p>TE Part # 2825063-1 MAG-MATE KONT M.FED</p>	 <p>TE Part # 5-1579028-7 INSERTION TOOL, MAG-MATE</p>

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



Insertion & Extraction Tools(6)



Magnet Wire Terminals(337)



PCB Terminals(1)

## Customers Also Bought



TE Part #640715-1  
06P UMNL STR/REL



TE Part #104257-1  
02 MTE RCPT HSG SR LATCH .100



TE Part #350777-4  
02P UMNL PLUG HSG UL94V0



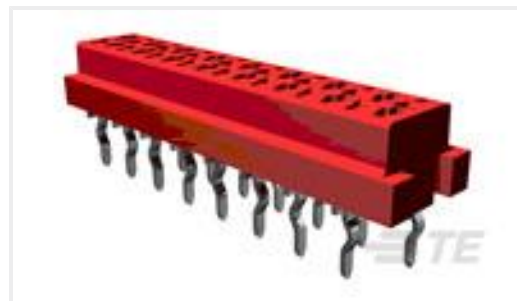
TE Part #1-480699-0  
02P UMNL CAP HSG NATL



TE Part #794758-1  
MINI UMNL WIRE SEAL,18-26AWG



TE Part #926885-1  
UNIV.M-N-L.PIN



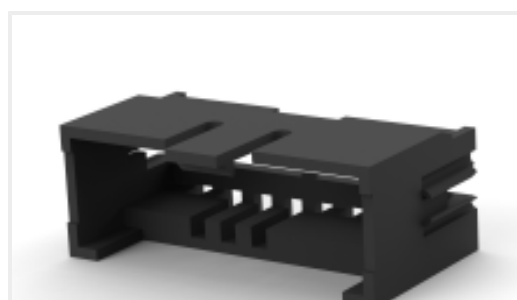
TE Part #215079-8  
MICRO-MATCH FOB.08P



TE Part #160631-3  
SUB MINIATURE AMPLIVAR SPLICE



TE Part #1534684-1  
MAG MATE CONT .300 SOLDER POST



TE Part #2-964575-8  
PCB RAHMEN 8P

## Documents

### Product Drawings

MAG MATE CONT WITH SOLDER PIN

English

### CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1534686-1\_B\_c-1534686-1-b.2d\_dxf.zip



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1534686-1\\_B\\_c-1534686-1-b.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1534686-1\\_B\\_c-1534686-1-b.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

[CAVITY FOR MAG-MATE CONTACT WITH SOLDER PIN](#)

English

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**Product Specifications**

[Application Specification](#)

English