



MAG-MATE

TE Internal #: 1987500-1

MAG-MATE, Magnet Wire Terminals, Tab, Solder Post, Magnet Wire Terminal Mating Tab Width 1 mm [.039 in]

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Terminals & Splices > Magnet Wire Terminals



Terminal & Splice Type: **Tab**

Magnet Wire Terminal Terminal Type: **Solder Post**

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

Magnet Wire Terminal Mating Tab Thickness: **.32 mm [.012 in]**

Terminal Height: **3.4 mm [.133 in]**

Features

Product Type Features

Magnet Wire Terminal Wire/Cable Type	Magnet Wire
Sealable	No

Body Features

Cavity Size	Size 1
Magnet Wire Terminal Plating Material	Phosphor Bronze, Pre-Tin

Contact Features

Terminal & Splice Type	Tab
Magnet Wire Terminal Terminal Type	Solder Post
Magnet Wire Terminal Terminal Orientation	Straight

Termination Features

Magnet Wire Terminal Termination Method	IDC Standard
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Mechanical Attachment

Magnet Wire Terminal Mating Retention Type	Barbs
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Dimensions



Magnet Wire Terminal Mating Tab Width	1 mm [.039 in]
Magnet Wire Terminal Mating Tab Thickness	.32 mm [.012 in]
Terminal Height	3.4 mm [.133 in]
Magnet Wire Size	29.5 – 28 AWG
Magnet Wire Terminal Material Thickness	.33 mm [.013 in]
Stock Thickness (Magnet Wire Side)	.32 mm [.013 in]
Magnet Wire Terminal Overall Length	7.1 mm [.28 in]

Usage Conditions

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

Packaging Features

Packaging Quantity	60000
Magnet Wire Terminal Packaging Method	Reel, Reel/Carton

Product Compliance

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

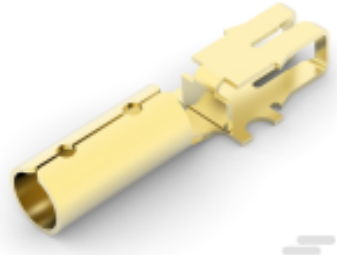






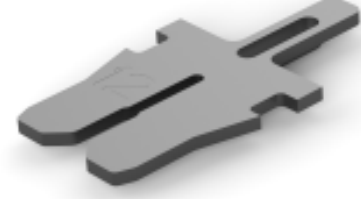

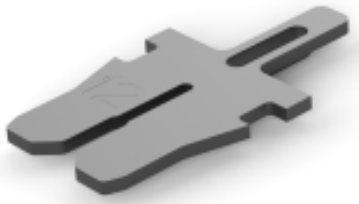



EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not 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 # 1740419-1 MAG-MATE PIN CONTACT</p>	 <p>TE Part # 1742857-1 TAB, PLAIN, 187 MAG-MATE SLIM</p>	 <p>TE Part # 1742858-1 TAB, PLAIN, 187 MAG-MATE SLIM</p>	 <p>TE Part # 1534682-1 MAG-MATE CONTACT .187, WITH SOLDER PIN</p>
 <p>TE Part # 1-1534686-7 MAG-MATE CONTACT WITH SOLDER PIN</p>	 <p>TE Part # 1534681-1 MAG-MATE CONTACT .187 WITH SOLDER PIN</p>	 <p>TE Part # 1740829-2 MAG MATE CONTACT WITH SOLDER PIN</p>	 <p>TE Part # 1534686-1 MAG MATE CONT WITH SOLDER PIN</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 # 1534680-1 MAG MATE CONT 187, SOLDER PIN</p>	 <p>TE Part # 1534686-7 MAG-MATE CONTACT WITH SOLDER PIN</p>
 <p>TE Part # 1740698-2 MAG-MATE TERMINAL W. EXTENDED LEAF-SPRING</p>			

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



Insertion & Extraction Tools(8)



Magnet Wire Terminals(468)



PCB Terminals(1)

Customers Also Bought

TE Part #1-66099-5
TYPE III CONTACTS LPTE Part #163088-2
TYPE III CONTACTS LP EMEATE Part #1-206062-4
CPC CABLE CLAMPSTE Part #1394132-1
BLINDSTOPFEN F.D3,6TE Part #1-2314846-2
12P,2MM,BB,REC,DRVT,SMD,AU.76,
TB,W/CPTE Part #1564324-1
AMP MCP, RECEPTACLE AND TABTE Part #1217641-1
TAB, 059 SERIES, R.H. MAG-MATETE Part #135935-4
CGPT 2/1 25.4/12.7 1m VERTTE Part #E308703002
FLHTC0311-24-6

Documents

Product Drawings

MAG-MATE WITH SOLDER PIN SIZE 0.187

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1987500-1_B_c-1987500-1-b.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1987500-1_B_c-1987500-1-b.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1987500-1_B_c-1987500-1-b.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

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

English

Magnet Wire Terminals & Splices

English

Product Specifications

[Application Specification](#)

English