

MAG-MATE

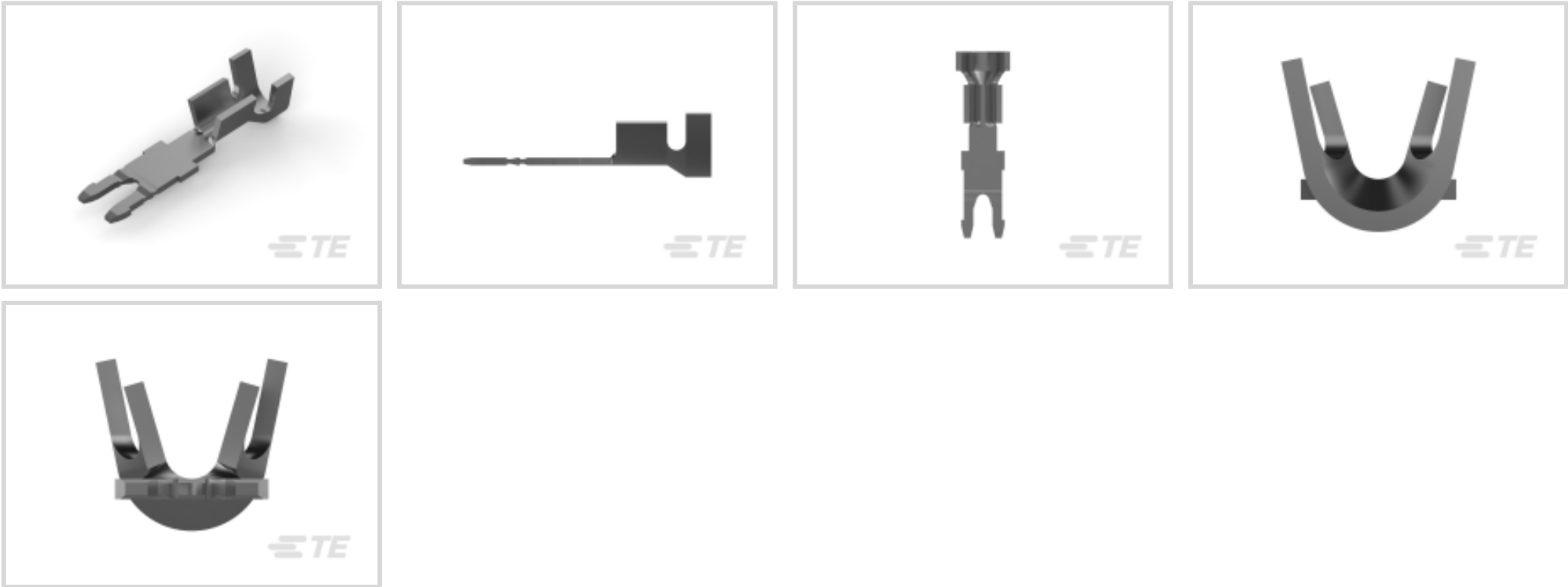
TE Internal #: 281623-2

MAG-MATE, Magnet Wire Terminals, Poke-In, Terminal Height 3.37 mm [.133 in], Magnet Wire Terminal Wire Insulation Diameter (Max) .118 in [3 mm]

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Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Terminal Type: **Poke-In**
Terminal Height: **3.37 mm [.133 in]**
Magnet Wire Terminal Wire Insulation Diameter (Max): **3 mm [.118 in]**
Accepts Wire Insulation Diameter Range: **3 mm [.118 in]**
Wire Size: **22 – 18 AWG**

Features

Product Type Features

Sealable	No
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Body Features

Magnet Wire Terminal Plating Material	Tin
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Contact Features

Magnet Wire Terminal Terminal Type	Poke-In
Magnet Wire Terminal Terminal Orientation	Straight

Termination Features

Magnet Wire Terminal Termination Method	Crimp, IDC Standard
Crimp Area Length	7.87 mm[.31 in]

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Terminal Height	3.37 mm[.133 in]
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Magnet Wire Terminal Wire Insulation Diameter (Max)	3 mm[.118 in]
Accepts Wire Insulation Diameter Range	3 mm[.118 in]
Wire Size	.326 – .8 mm ²
Lead Wire Size	22 – 18 AWG
Magnet Wire Terminal Material Thickness	.45 mm[.018 in]
Stock Thickness (Magnet Wire Side)	.45 mm[.018 in]
Magnet Wire Terminal Overall Length	18.4 mm[.722 in]

Usage Conditions

Insulation Requirement	Uninsulated
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Packaging Features

Magnet Wire Terminal Packaging Method	Reel, Reel/Carton
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Product Compliance

For compliance documentation, visit the product page on TE.com>

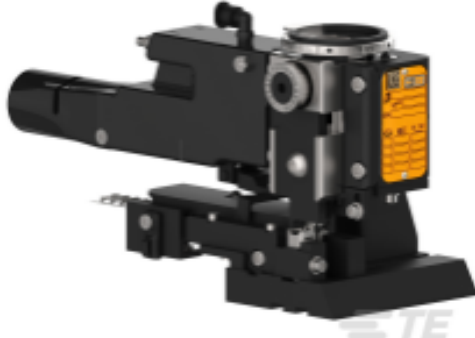
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not 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>



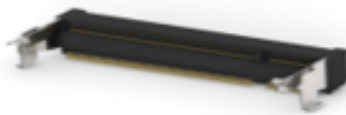
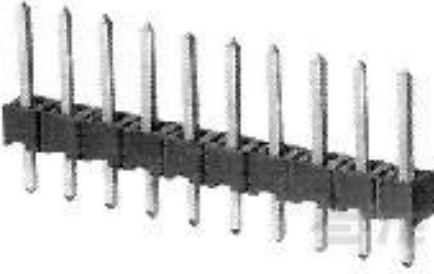
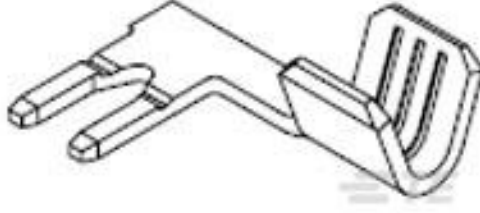
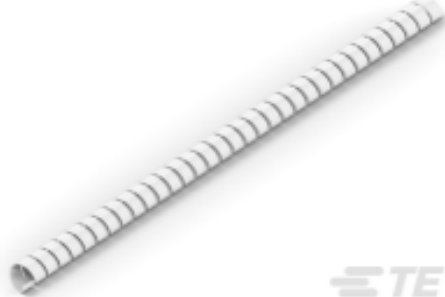
Compatible Parts

 TE Part # 2305570-1 TERMINAL CUTTER, SIDE FEED	 TE Part # 62895-1 MAG-MATE POKE-IN TAB 018 TPBR	 TE Part # 1217470-1 TAB MAG-MATE POKE-IN 22-18	 TE Part # 2-2836153-1 OC-PA-S-FM-090F140F-001-0201
 TE Part # 2-2836153-2 OC-PA-S-FA-090F140F-001-0201	 TE Part # 2836153-1 OC-AT-S-FM-090F140F-001-0201	 TE Part # 2836153-2 OC-AT-S-FA-090F140F-001-0201	 KIT REPRESENTATION ONLY TE Part # 7-2836153-7 OC-090F140F-CRIMPTOOLINGKIT

Also in the Series | MAG-MATE

 Insertion & Extraction Tools(8)	 Magnet Wire Terminals(468)	 PCB Terminals(1)
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Customers Also Bought

 TE Part #1473005-1 DDR2 SO DIMM Sockets	 TE Part #1-825433-0 MOD 2 PINHDR 1X10P.	 TE Part #1217406-1 TAB RIGHT ANGLE POKEIN MAGMATE	 TE Part #142840-2 TUBING SPIRAP 500030-2
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TE Part #142841-1
TUBING SPIRAP 500031-1

TE Part #1-480700-0
03P UMNL PLUG HSG NATL

TE Part #160101-9
RING TONGUE 20-16 AWG 0.0253
NPBR

TE Part #1-826629-5
15P AMPMODU II STIFT LEI

TE Part #1-966144-2
DOPPLEIT ADERENDH N

TE Part #NB14524001
VERSAFIT-3/8-2-FSP

Documents

Product Drawings
MAG-MATE TERMINALS

English

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.

Datasheets & Catalog Pages
Magnet Wire Terminals & Splices

English

Product Specifications
Application Specification

English

Product Environmental Compliance
TE Material Declaration



English