

MAG-MATE

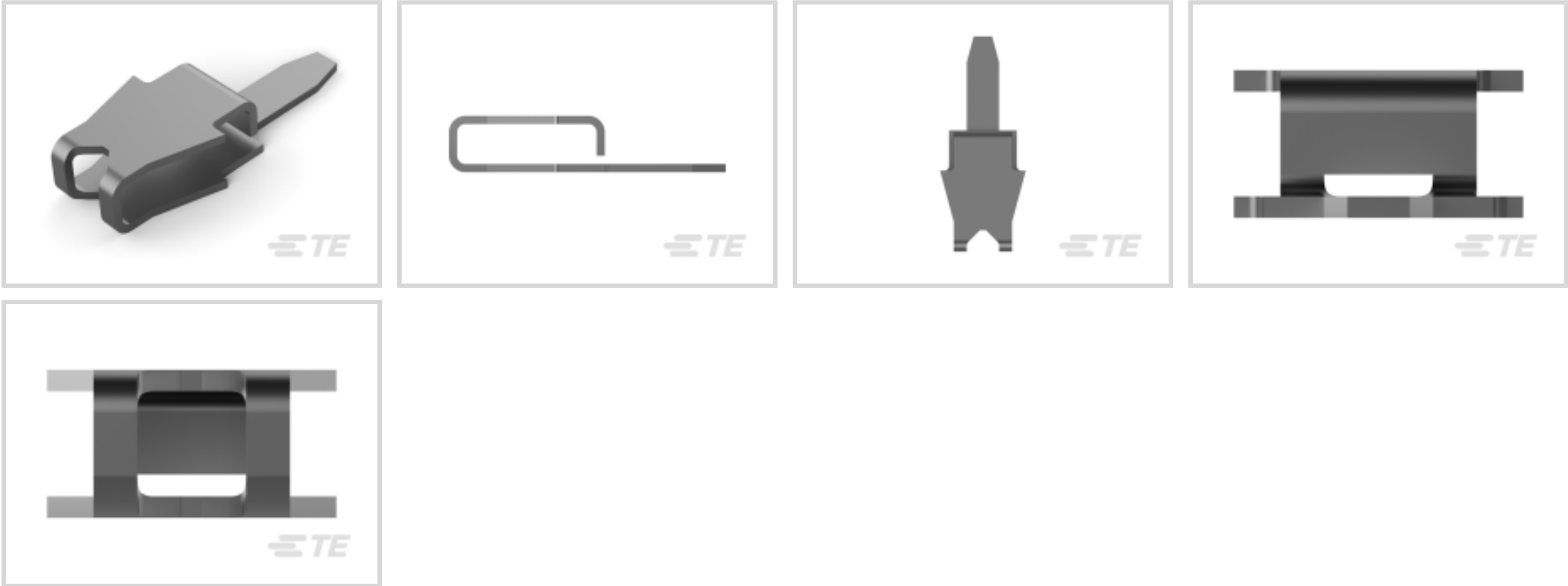
TE Internal #: 62938-1

MAG-MATE, Magnet Wire Terminals, Tab, Solder Post, Magnet Wire Terminal Mating Tab Width 1.32 mm [.052 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: **1.32 mm [.052 in]**
Magnet Wire Terminal Mating Tab Thickness: **.25 mm [.01 in]**
Terminal Height: **4.75 mm [.187 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	Tin

Contact Features

Terminal & Splice Type	Tab
Magnet Wire Terminal Terminal Type	Solder Post
Underplating Material	Nickel
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	Dimple
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Dimensions

Magnet Wire Terminal Mating Tab Width	1.32 mm[.052 in]
Magnet Wire Terminal Mating Tab Thickness	.25 mm[.01 in]
Terminal Height	4.75 mm[.187 in]
Magnet Wire Size	33 – 31 AWG
Magnet Wire Terminal Material Thickness	.25 mm[.01 in]
Stock Thickness (Magnet Wire Side)	.25 mm[.01 in]
Magnet Wire Terminal Overall Length	8.43 mm[.331 in]

Usage Conditions

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

Identification Marking

Identification Number	4
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Packaging Features

Packaging Quantity	20000
Magnet Wire Terminal Packaging Method	Reel, Reel/Carton

Other

Comment	PC Board hole size 1.17/1.22 [.046/.048]., Two magnet wires may be terminated in the same terminal slot if diameters are equal.
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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	Pin-in-Paste capable to 260°C



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 # 62527-1 MAG-MATE TERM 31-32 010 TPBR	 TE Part # 2238060-1 MAG-MATE POST 33-31 CU / 31-29 AL TPBR	 TE Part # 2238061-1 MAG-MATE POST 34-33 CU / 33-31 AL TPBR	 TE Part # 2238062-1 MAG-MATE POST 31-28 CU / 29-27 AL TPBR
 TE Part # 2238089-1 MAG-MATE TAB 31-28 CU / 29-27 AL TPBR	 TE Part # 62439-1 MAG-MATE POST 22-24 013 TPBR	 TE Part # 63039-1 MAG-MATE W/BBL 33-31 010TPBR	 TE Part # 63818-1 TERM MAG-MATE POST 30-28TPCUBR
 TE Part # 63819-1 TERM MAG-MATE POST 24-22TPCUBR	 TE Part # 62780-1 MINI MAG-MATE 36-44 010 TPBR	 TE Part # 160809-2 MAG-MATE WITH TAB	 TE Part # 160810-2 MAG MATE WITH TAB



TE Part # 62438-1
MAG-MATE POST 25-27 013 TPBR

TE Part # 160897-2
MAG MATE WITH TAB

TE Part # 1742910-1
RECEPT. TAB, MAG-MATE,#30-28,

TE Part # 62934-1
MAG-MATE POST 32-31 010 TPCUBR

TE Part # 63253-1
MAG-MATE POST 33-31 010 TPBR

Also in the Series

MAG-MATE

Insertion & Extraction Tools(8)

Magnet Wire Terminals(468)

PCB Terminals(1)

Customers Also Bought

TE Part #163085-8
,062 DIA PIN ASS 3+

TE Part #166309-2
MOD-5 REC.CONTACT

TE Part #1-2106123-1
CONTACT,Recept, SLC, Tin Plated,
On Stri

TE Part #1571527-1
FSM2JSML=TACT SWITCH,SMT,BULK

TE Part #103672-2
03 MTE HDR SRRA LATCH W/HLDWN

TE Part #1534682-1
MAG-MATE CONTACT .187,WITH
SOLDER PIN

TE Part #1534681-1
MAG-MATE CONTACT.187 WITH
SOLDER PIN

TE Part #160631-3
SUB MINIATURE AMPLIVAR SPLICE



Documents

Product Drawings

[MAG-MATE POST 33-31 010 TPBR](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_62938-1_AC.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_62938-1_AC.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_62938-1_AC.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[Magnet Wire Terminals & Splices](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English