

MAG-MATE

TE Internal #: 62430-1

MAG-MATE, Magnet Wire Terminals, Tab, Solder Post, Magnet Wire Terminal Mating Tab Width 1.27 mm [.05 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: **1.27 mm [ .05 in ]**  
Magnet Wire Terminal Mating Tab Thickness: **.3 mm [ .012 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 |
|-----------------------------------------|--------------|

Mechanical Attachment

|                         |         |
|-------------------------|---------|
| Wire Insulation Support | Without |
|-------------------------|---------|



Dimensions

|                                           |                  |
|-------------------------------------------|------------------|
| Magnet Wire Terminal Mating Tab Width     | 1.27 mm[.05 in]  |
| Magnet Wire Terminal Mating Tab Thickness | .3 mm[.012 in]   |
| Terminal Height                           | 4.75 mm[.187 in] |
| Aluminum Wire Size                        | .32 – .45 mm     |
| Magnet Wire Size                          | 30 – 28 AWG      |
| Magnet Wire Terminal Material Thickness   | .3 mm[.012 in]   |
| Stock Thickness (Magnet Wire Side)        | .3 mm[.012 in]   |
| Magnet Wire Terminal Overall Length       | 8.38 mm[.33 in]  |

Usage Conditions

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

Identification Marking

|                       |   |
|-----------------------|---|
| Identification Number | 6 |
|-----------------------|---|

Industry Standards

|                           |          |
|---------------------------|----------|
| RU (UL Component Program) | Approved |
|---------------------------|----------|

Packaging Features

|                                       |                   |
|---------------------------------------|-------------------|
| Packaging Quantity                    | 12000             |
| 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. |
|---------|---------------------------------------------------------------------------------------------------------------------------------|

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)<br>Candidate List Declared Against: JAN 2021 (211)<br>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

|                                                                                                                                               |                                                                                                                                                  |                                                                                                                                                   |                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 1217302-1<br/>SOLDER TAB .041 MAG-MATE</p>   |  <p>TE Part # 1217146-1<br/>TERMINAL, F-CRIMP MAG-MATE</p>   |  <p>TE Part # 62651-1<br/>MAG-MATE 250FTAB 30-27 013TPBR</p> |  <p>TE Part # 62439-1<br/>MAG-MATE POST 22-24 013 TPBR</p>   |
|  <p>TE Part # 62874-1<br/>MAG-MATE POST 27-30 013 TPBR</p> |  <p>TE Part # 63818-1<br/>TERM MAG-MATE POST 30-28TPCUBR</p> |  <p>TE Part # 63819-1<br/>TERM MAG-MATE POST 24-22TPCUBR</p> |  <p>TE Part # 160810-2<br/>MAG MATE WITH TAB</p>             |
|  <p>TE Part # 62438-1<br/>MAG-MATE POST 25-27 013 TPBR</p> |  <p>TE Part # 62608-1<br/>MAG-MATE W/BBL 30-28 013TPBR</p>   |  <p>TE Part # 1217013-1<br/>TAB, 059 MAG-MATE TPBR</p>       |  <p>TE Part # 1217405-1<br/>TAB, MAG-MATE 071 X 025, 187</p> |



TE Part # 62608-3  
TERM MAG-MATE F CRIMP 0126TPBR

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

TE Part # 62958-1  
MAG-MATE POST 29-26 0126 TPBR

TE Part # 63036-1  
MAG-MATE W/BBL 30-28 013TPBR

TE Part # 63743-2  
TAB 250 MAGMATE SLIM LN 30-27

Also in the Series

MAG-MATE

Insertion & Extraction Tools(8)

Magnet Wire Terminals(468)

PCB Terminals(1)

Customers Also Bought

TE Part #2143330-1  
1X6 QSFP Kit Assy Bhnd Bzl,PCI

TE Part #2267073-1  
PMS9P1B07M2RE

TE Part #1676306-3  
RN 0805 332R 0.1% 10PPM 5KRL

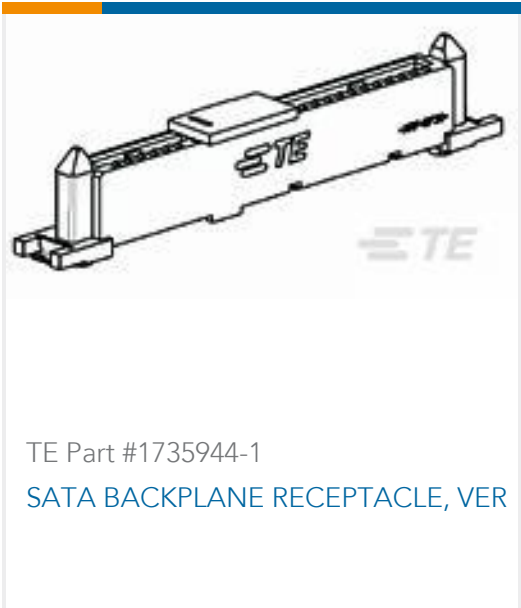
TE Part #1217129-1  
187 FASTON,REC.,24-20 AWG,TPBR

TE Part #62938-1  
MAG-MATE POST 33-31 010 TPBR

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

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

TE Part #1909783-4  
WIRE TO BOARD HOUSING 1.2MM  
TOP ENTRY



Documents

Product Drawings

MAG-MATE POST 28-30 013 TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_62430-1\_AJ.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_62430-1\_AJ.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_62430-1\_AJ.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

Product Compliance

English

Product Compliance

English

Agency Approvals

UL Report

English