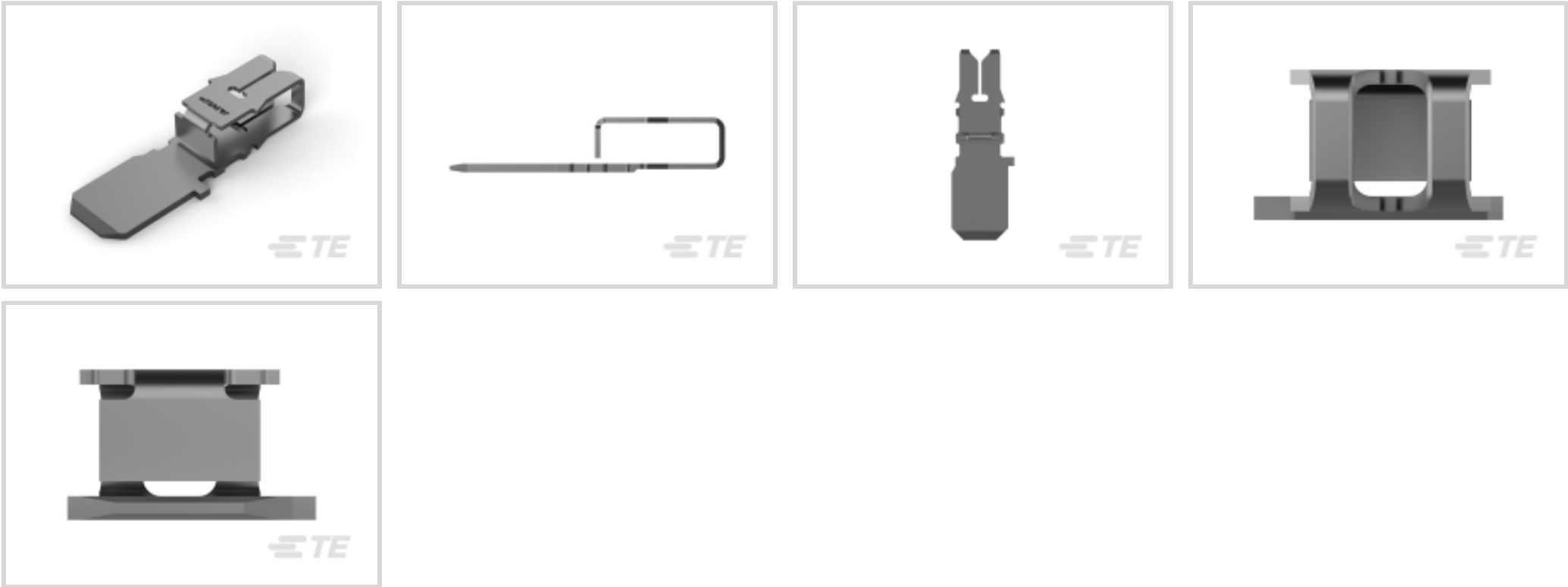




Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Tab**

Mating Tab Width: **4.75 mm [.187 in]**

Mating Tab Thickness: **.51 mm [.02 in]**

Compatible With Cavity Size: **Size 2**

Aluminum Wire Size: **.32 – .45 mm**

Features

Product Type Features

|                                    |                    |
|------------------------------------|--------------------|
| Compatible With Discrete Wire Type | Magnet Wire, Solid |
|------------------------------------|--------------------|

Body Features

|                             |        |
|-----------------------------|--------|
| Compatible With Cavity Size | Size 2 |
|-----------------------------|--------|

Contact Features

|                           |                  |
|---------------------------|------------------|
| Magnet Wire Terminal Type | Tab              |
| Mating Tab Width          | 4.75 mm[.187 in] |
| Mating Tab Thickness      | .51 mm[.02 in]   |
| Terminal Plating Material | Tin              |
| Terminal Orientation      | Straight         |

Termination Features

|                                    |                               |
|------------------------------------|-------------------------------|
| Termination Method to Wire & Cable | Insulation Displacement (IDC) |
|------------------------------------|-------------------------------|

Mechanical Attachment

|                       |        |
|-----------------------|--------|
| Mating Retention Type | Dimple |
|-----------------------|--------|



Dimensions

|                                    |                 |
|------------------------------------|-----------------|
| Terminal Height                    | 7.62 mm[.3 in]  |
| Aluminum Wire Size                 | 28 – 25 AWG     |
| Magnet Wire Size                   | .25 – .36 mm    |
| Stock Thickness (Magnet Wire Side) | .31 mm[.012 in] |
| Product Length                     | 16 mm[.63 in]   |

Usage Conditions

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

Operation/Application

|                                    |                  |
|------------------------------------|------------------|
| Compatible With Wire Base Material | Aluminum, Copper |
|------------------------------------|------------------|

Identification Marking

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

Industry Standards

|                                           |                           |
|-------------------------------------------|---------------------------|
| Compatible With Agency/Standards Products | RU (UL Component Program) |
|-------------------------------------------|---------------------------|

Packaging Features

|                    |                   |
|--------------------|-------------------|
| Packaging Quantity | 11000             |
| 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 2025 (247)<br>Candidate List Declared Against: JUNE 2023 (235)<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                     | Not applicable for solder process capability                                                                                   |

Product Compliance Disclaimer



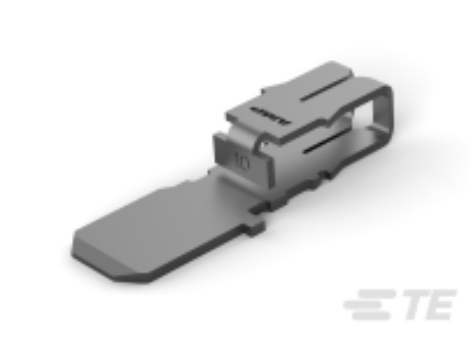
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

|                                                            |                                                         |                                                            |                                                         |
|------------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------|
| <br>TE Part # 63590-2<br>MAG-MATE LEAF CONTACT<br>0126TPBR | <br>TE Part # 63447-1<br>MAG-MATE 187 FAST TAB 0198TPBR | <br>TE Part # 62511-2<br>MAG-MATE 22-20 187 F TAB TPBR     | <br>TE Part # 62888-2<br>MAG-MATE 187 TAB 020 TPBR      |
| <br>TE Part # 1742242-1<br>TAB,187 FASTON,LP,MAG-MATE      | <br>TE Part # 63255-1<br>MAG-MATE 187FAST TAB 0198TPBR  | <br>TE Part # 1-62511-1<br>MAG-MATE 22-20 187 F TAB TPBR   | <br>TE Part # 63711-2<br>TAB 187 MAG-MATE SLIM LN.      |
| <br>TE Part # 63018-1<br>MAG-MATE W/187 FTAB 33-31 TPBR    | <br>TE Part # 1217302-1<br>SOLDER TAB .041 MAG-MATE     | <br>TE Part # 63590-1<br>MAG-MATE LEAF CONTACT<br>0126TPBR | <br>TE Part # 63590-3<br>MAG-MATE LEAF CONT 0126 TPPHBZ |
| <br>TE Part # 63777-1<br>MAG-MATE 187 F TAB 30-27 TPBR     | <br>TE Part # 62651-1<br>MAG-MATE 250FTAB 30-27 013TPBR | <br>TE Part # 63273-1<br>MAG-MATE 187 FAST TAB 020TPBR     | <br>TE Part # 62514-2<br>MAG-MATE 27-23 187 F TAB TPBR  |



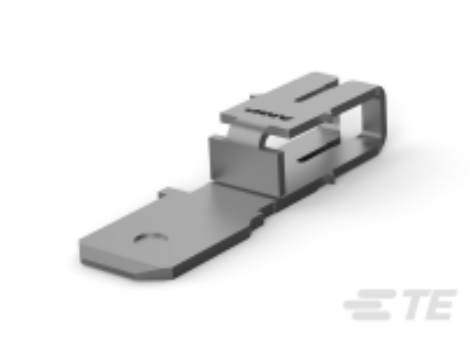
TE Part # 62429-2  
MAG-MATE TERM 27-30 013TPBR



TE Part # 62514-1  
MAG-MATE 27-23 187 F TAB TPBR

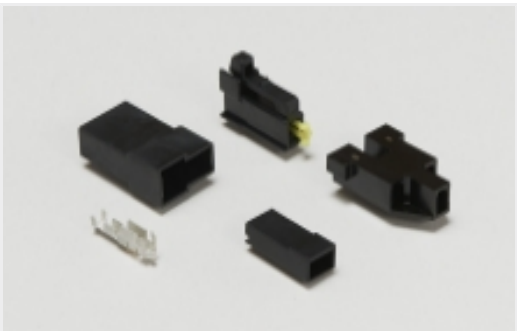


TE Part # 63590-5  
SPEC,LEAF,300 SERIES,MAG-MATE



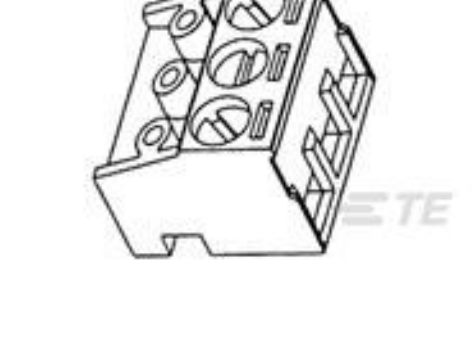
TE Part # 62511-1  
MAG-MATE 22-20 187 F TAB TPBR

Also in the Series | **MAG-MATE 300**

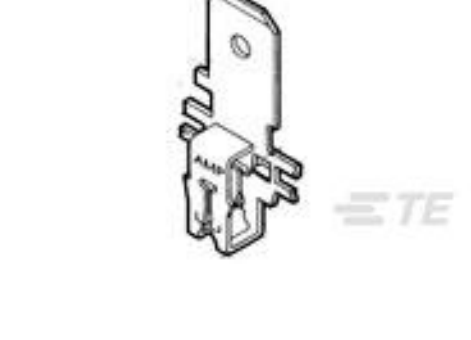


Magnet Wire Terminals(78)

Customers Also Bought



TE Part #282830-2  
TERMI-BLOK PLUG 90&180 2P. 5



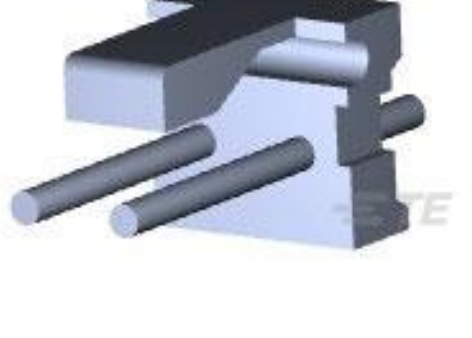
TE Part #63132-3  
TAB, .250 FASTON,MAG-MATE



TE Part #1734577-1  
MOD-JK,8P8C,SHD W/LED, G/Y,6U"



TE Part #62651-1  
MAG-MATE 250FTAB 30-27 013TPBR



TE Part #640388-2  
02P MTA156 HDR ASSY RN STR F/L



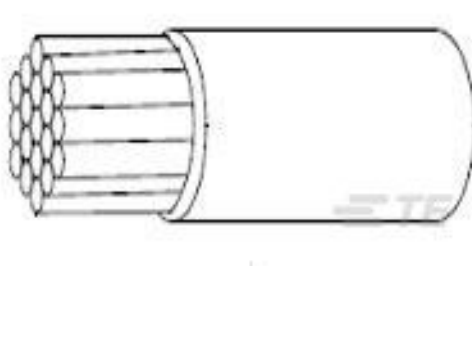
TE Part #1676979-7  
TW 1W 2K5 6.35X25PL



TE Part #4-1419172-4  
V23101D 6A301



TE Part #63499-1  
MAG-MATE 250 F TAB 30-27 TPBR



TE Part #216001-005  
55A0111-22-9



TE Part #5747871-2  
09 PLUG SP/FMS STD



Documents

Product Drawings

MAG-MATE 30-27 187 F TAB TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_62512-1\_Z.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_62512-1\_Z.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_62512-1\_Z.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

Agency Approvals

UL Report

English