

1217497-1 ✓ ACTIVE



## MAG-MATE

TE Internal #: 1217497-1

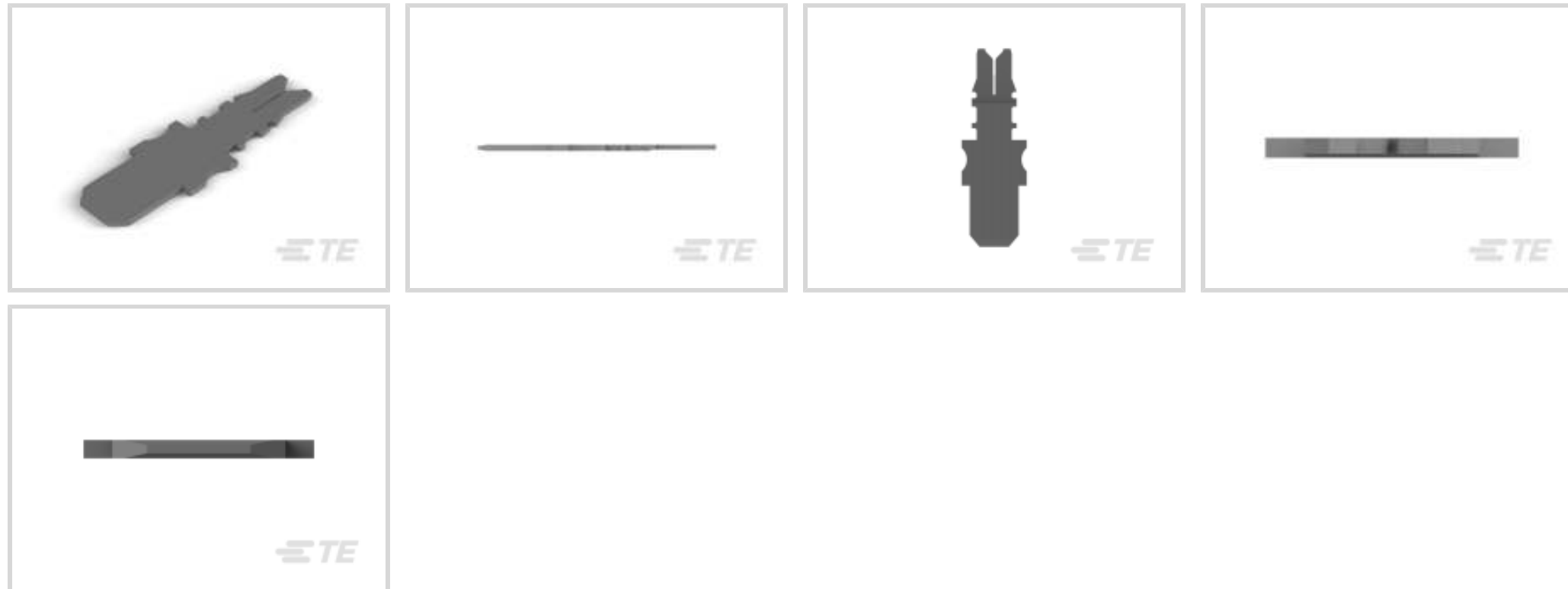
Magnet Wire Terminals, Tab, Mating Tab Width .02 in [4.75 mm],

Size 1, .36 – .51 mm Magnet Wire, 27 – 24 AWG Magnet Wire,

MAG-MATE

[View on TE.com >](#)

Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Tab**

Mating Tab Width: **4.75 mm [ .02 in ]**

Mating Tab Thickness: **.5 mm [ .02 in ]**

Compatible With Cavity Size: **Size 1**

Magnet Wire Size: **27 – 24 AWG**

### Features

#### Product Type Features

Compatible With Discrete Wire Type

Magnet Wire, Solid

#### Body Features

Compatible With Cavity Size

Size 1

#### Contact Features

Magnet Wire Terminal Type

Tab

Mating Tab Width

4.75 mm[.02 in]

Mating Tab Thickness

.5 mm[.02 in]

Terminal Plating Material

Tin

Terminal Orientation

Straight

#### Termination Features

Termination Method to Wire & Cable

Insulation Displacement (IDC)

#### Dimensions

Terminal Height

19.31 mm[.76 in]



|                  |              |
|------------------|--------------|
| Magnet Wire Size | .36 – .51 mm |
|------------------|--------------|

|                                    |                  |
|------------------------------------|------------------|
| Stock Thickness (Magnet Wire Side) | .41 mm [.016 in] |
|------------------------------------|------------------|

|                |                   |
|----------------|-------------------|
| Product Length | 19.31 mm [.76 in] |
|----------------|-------------------|

### Usage Conditions

|                   |             |
|-------------------|-------------|
| Insulation Option | Uninsulated |
|-------------------|-------------|

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

### Operation/Application

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

### Packaging Features

|                  |                   |
|------------------|-------------------|
| 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: JUNE 2023 (235)<br>Candidate List Declared Against: JAN 2023 (233)<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




TE Part # 1217004-1  
MAG-MATE 23-20 187 FST/TB TPBR



TE Part # 1217243-1  
TAB, 187 FASTON, MAG-MATE



TE Part # 1217497-2  
TAB,187 SERIES,MAG-MATE,SL



TE Part # 1742857-1  
TAB, PLAIN, 187 MAG-MATE SLIM



TE Part # 1742858-1  
TAB, PLAIN, 187 MAG-MATE SLIM



TE Part # 63675-4  
POST 024X020 MINI MAG MATE



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



TE Part # 1217210-1  
TAB POKE-IN 118 COMB 300 MM



TE Part # 1217210-2  
TAB,POKE-IN/.118 TAB,COMBO,MAG



TE Part # 1217211-1  
TAB POKE-IN 118 COMB 300 MM



TE Part # 1217211-2  
POKEIN/TAB,COMBO,MAG-MATE



TE Part # 1217491-1  
TAB FASTON 187 500 BOX MAGMATE




TE Part # 1217931-1  
TAB,187 FASTON, MAG-MATE



TE Part # 63694-1  
MAG-MATE CONN BUSS BAR


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



Insertion & Extraction Tools(7)

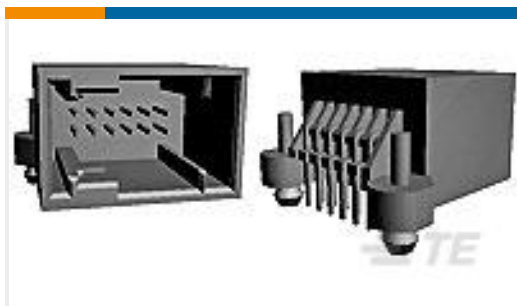


Magnet Wire Terminals(435)

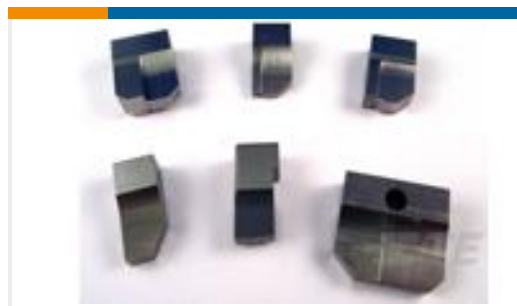


PCB Terminals(1)

Customers Also Bought



TE Part #185740-2  
12pos MOS .63 header 90deg



TE Part #1-1338690-2  
ANVIL, COMBINATION .055



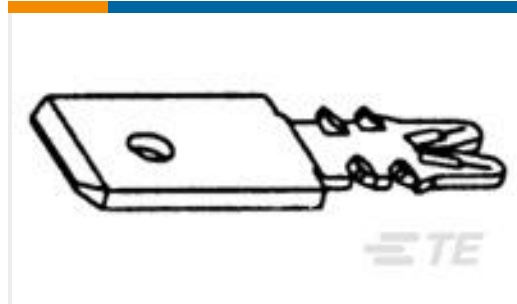
TE Part #1-456402-7  
CRIMPER WIRE .055 F



TE Part #1-562108-5  
CRIMPER WIRE



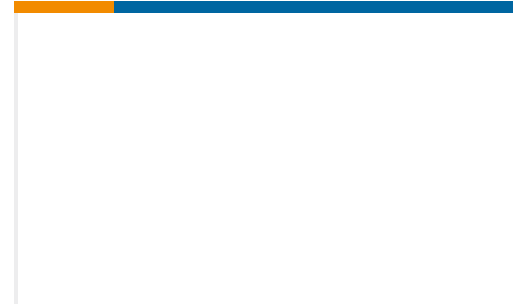
TE Part #1601261-2  
TAB, OFFSET, 4.52x0.51, STD, SMZ



TE Part #2-1601203-2  
.187 X .020 OFFSET TAB STD SIA



TE Part #2098966-1  
54 WAY SHIELD ASSEMBLY, KEY AF



TE Part #2138020-1  
CHRY 84P HDR ASSY, M-S, KEY AF

## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1217497-1\\_L1.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1217497-1\\_L1.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1217497-1\\_L1.3d\\_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

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