

160897-2 ✓ ACTIVE

MAG-MATE | MAG-MATE 187

TE Internal #: 160897-2

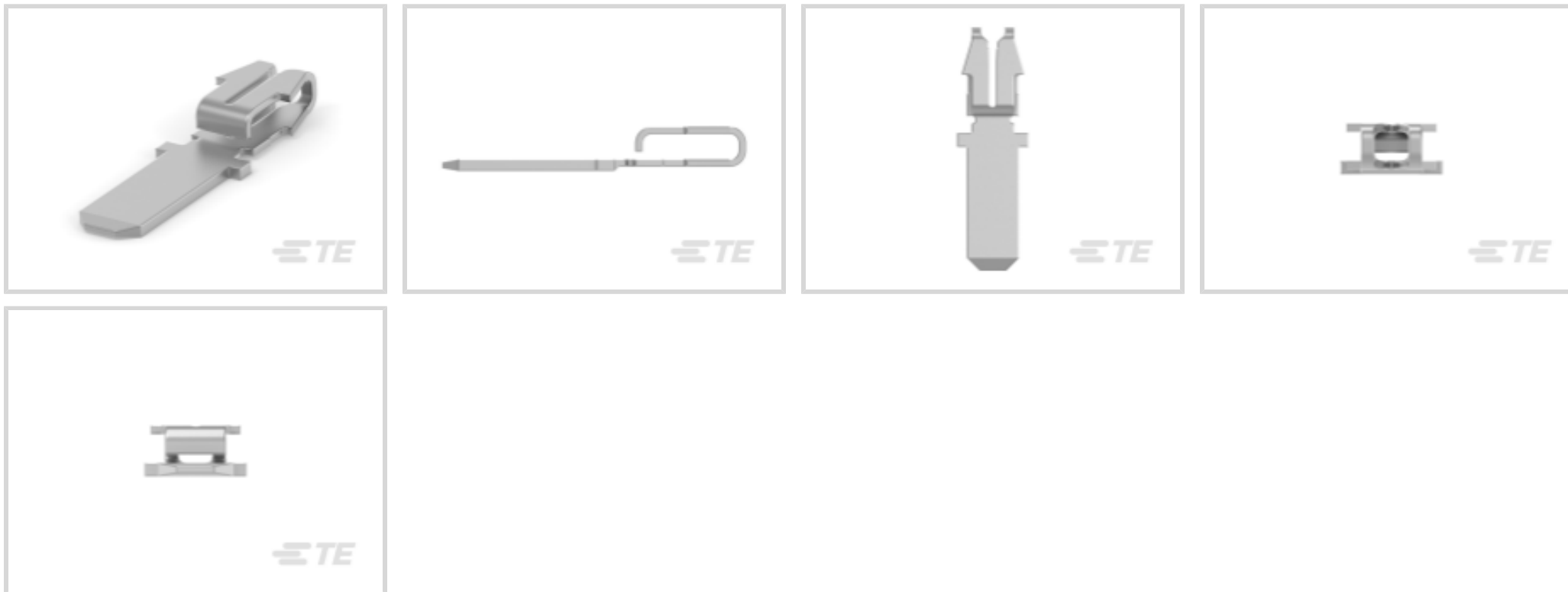
Solder Post, Mating Tab Width 2.79 mm [.11 in], Size 1, Lead Wire

Size 24 – 22 AWG, MAG-MATE 187, Magnet Wire Terminals

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Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Solder Post**

Mating Tab Width: **2.79 mm [.11 in]**

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

Compatible With Cavity Size: **Size 1**

Lead Wire Size: **24 – 22 AWG**

## Features

### Contact Features

Magnet Wire Terminal Type	Solder Post
Mating Tab Width	2.79 mm [.11 in]
Mating Tab Thickness	.51 mm [.02 in]
Terminal Plating Material	Tin
Terminal Orientation	Straight

### Body Features

Compatible With Cavity Size	Size 1
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### Dimensions

Lead Wire Size	.205 – .326 mm <sup>2</sup>
Magnet Wire Size	.51 – .64 mm
Stock Thickness (Magnet Wire Side)	.5 mm [.02 in]
Product Length	13 mm [.511 in]
Terminal Height	4.75 mm [.187 in]

### Termination Features



Termination Method to Wire &amp; Cable

Insulation Displacement (IDC)

### Packaging Features

Packaging Method

Reel/Carton

### Operation/Application

Compatible With Wire Base Material

Copper

### Product Type Features

Compatible With Discrete Wire Type

Solid, Magnet Wire

### Other

EU RoHS Compliance

Compliant

EU ELV Compliance

Compliant

### Usage Conditions

Insulation Option

Uninsulated

### Identification Marking

Identification Number

13

## 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 2024 (241)  
 Candidate List Declared Against: JUNE 2024 (241)  
 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 # 2238087-1  
MAG-MATE TAB 34-33 CU / 33-31 AL TPBR



TE Part # 62439-1  
MAG-MATE POST 22-24 013 TPBR



TE Part # 62874-1  
MAG-MATE POST 27-30 013 TPBR



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



TE Part # 63818-1  
TERM MAG-MATE POST 30-28TPCUBR



TE Part # 63819-1  
TERM MAG-MATE POST 24-22TPCUBR



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



TE Part # 1987199-1  
BRIDGE CONTACT

## Also in the Series | **MAG-MATE 187**



Magnet Wire Terminals(18)

## Customers Also Bought



## Documents

### Product Drawings

#### MAG MATE WITH TAB

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_160897-2\\_B.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_160897-2\\_B.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_160897-2\\_B.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