



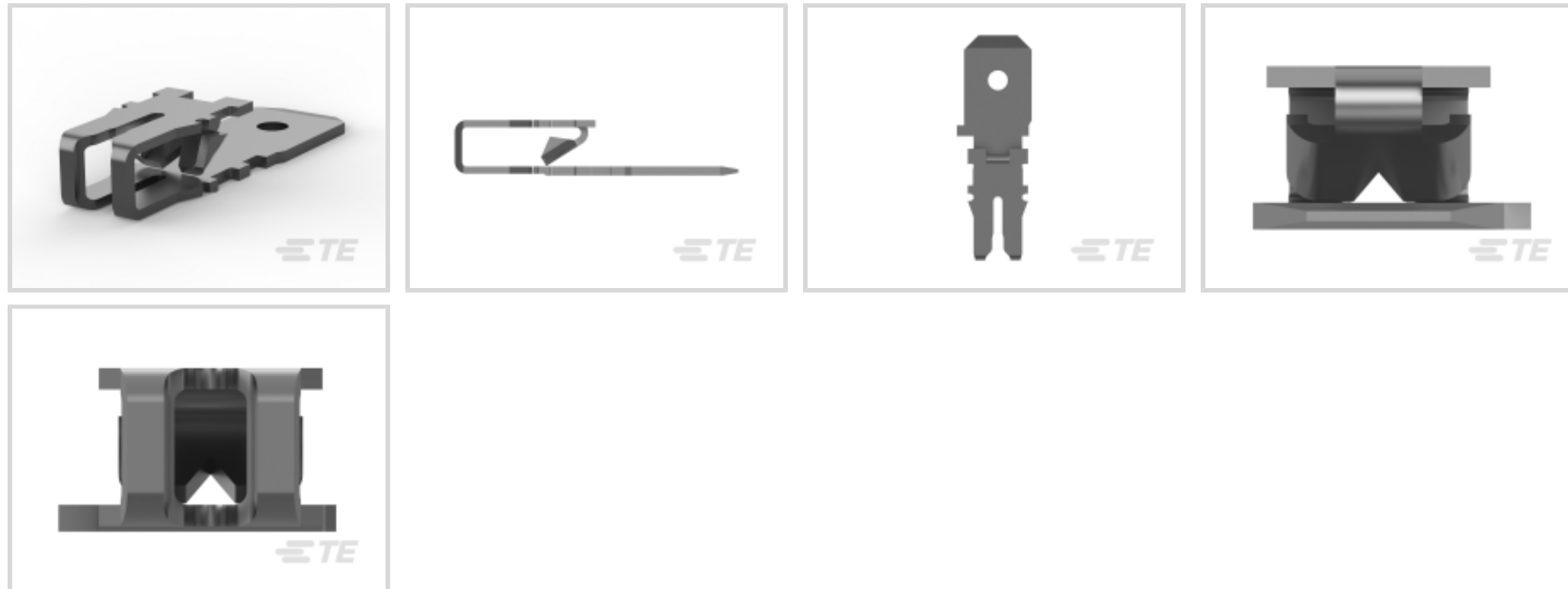
**MAG-MATE**

TE Internal #: 316300-6

Magnet Wire Terminals, Poke-In, Mating Tab Width .187 in [4.75 mm], Size 1, Lead Wire Size 20 – 18 AWG, Lead Wire Size .5 – .8 mm<sup>2</sup>, MAG-MATE

[View on TE.com >](#)

Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Poke-In**

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

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

Compatible With Cavity Size: **Size 1**

Lead Wire Size: **20 – 18 AWG**

**Features**

**Product Type Features**

Compatible With Discrete Wire Type	Magnet Wire, Solid
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**Configuration Features**

Strip Orientation	Side Feed
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**Body Features**

Compatible With Cavity Size	Size 1
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**Contact Features**

Magnet Wire Terminal Type	Poke-In
Mating Tab Width	4.75 mm[.187 in]
Mating Tab Thickness	.5 mm[.02 in]
Terminal Plating Material	Tin
Contact Underplating Material	Nickel
Terminal Orientation	Straight

**Termination Features**

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Termination Method to Wire & Cable	Insulation Displacement (IDC)
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### Mechanical Attachment

Contact Mating Retention Type	Hole
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### Dimensions

Terminal Height	7.62 mm[.3 in]
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Lead Wire Size	.5 – .8 mm <sup>2</sup>
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Magnet Wire Size	18 – 17 AWG
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Stock Thickness (Magnet Wire Side)	.41 mm[.016 in]
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Overall Product Length	27.75 mm[1.029 in]
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### Usage Conditions

Insulation Option	Uninsulated
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Operating Temperature Range	-20 – 105 °C[-4 – 221 °F]
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### Operation/Application

Compatible With Wire Base Material	Copper
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### Identification Marking

Identification Number	24
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### Packaging Features

Packaging Quantity	8000
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Packaging Method	Reel, Reel/Carton
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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#### 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



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



Insertion &amp; Extraction Tools(8)



Magnet Wire Terminals(464)



PCB Terminals(1)

## Customers Also Bought



TE Part #175019-1  
187 PL EX FLAG REC. 22-16AWG PTBR



TE Part #62833-1  
MAG-MATE POKE-IN TERM 016TPBR

## Documents

### Product Drawings

#### STD MAG-MATE .187 POKE-IN TAB

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_316300-6\\_N\\_c-316300-6-n.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_316300-6\\_N\\_c-316300-6-n.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_316300-6\\_N\\_c-316300-6-n.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

#### STD MAG-MATE Poke-in with 187 Tab Terminal



English

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**Product Environmental Compliance**

[MD\\_316300-6\\_02252014026\\_dmtec](#)

English

[MD\\_316300-6\\_02252014026\\_dmtec](#)

English

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**Agency Approvals**

[UL Report](#)

English