



MAG-MATE

TE Internal #: 316300-6

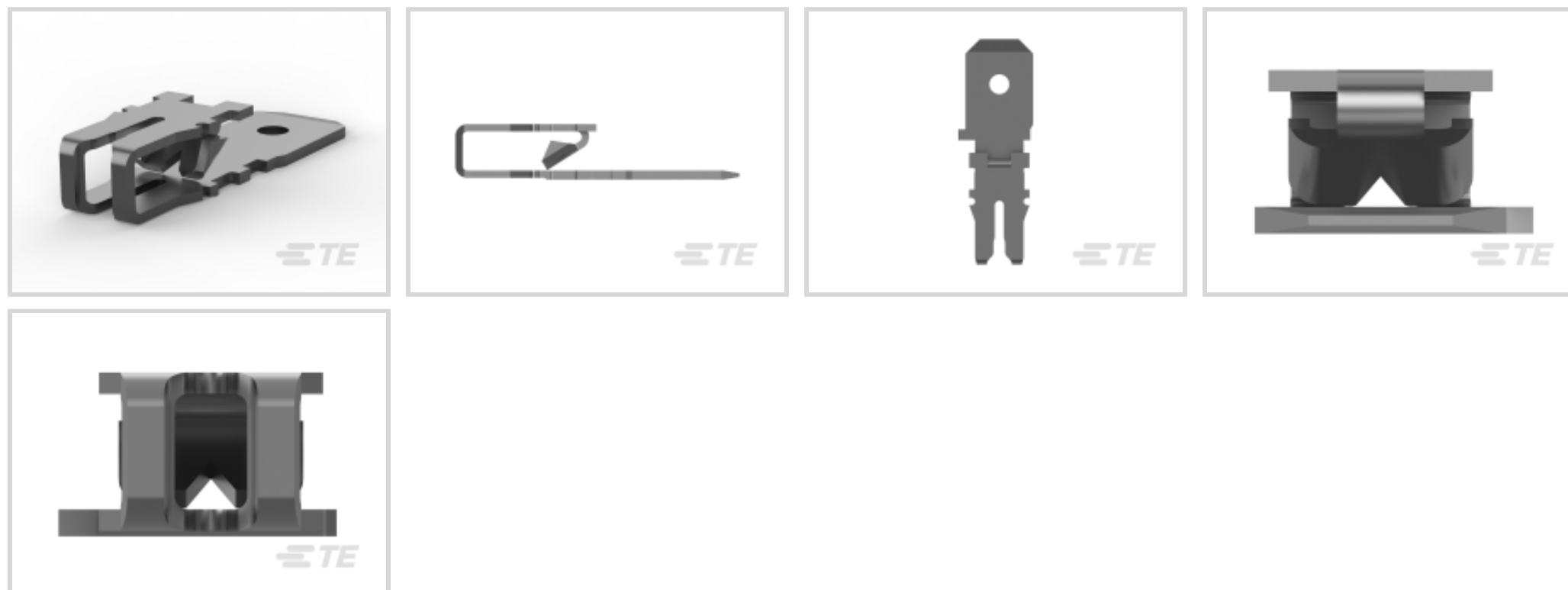
Poke-In, Mating Tab Width 4.75 mm [.187 in], Size 1, Lead Wire Size

20 – 18 AWG, Lead Wire Size .5 – .8 mm², MAG-MATE, Magnet

Wire Terminals

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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

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

Body Features

Compatible With Cavity Size	Size 1
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Dimensions

Lead Wire Size	.5 – .8 mm ²
Magnet Wire Size	.9 – 1.15 mm
Stock Thickness (Magnet Wire Side)	.41 mm [.016 in]
Product Length	27.75 mm [1.029 in]
Terminal Height	7.62 mm [.3 in]



Termination Features

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

Mating Retention Type	Hole
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Packaging Features

Packaging Method	Reel/Carton, Reel
Packaging Quantity	8000

Operation/Application

Compatible With Wire Base Material	Copper
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Product Type Features

Compatible With Discrete Wire Type	Solid, Magnet Wire
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Usage Conditions

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

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Configuration Features

Strip Orientation	Side Feed
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Identification Marking

Identification Number	24
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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 # 1217004-1
MAG-MATE 23-20 187 FST/TB TPBR



TE Part # 6-316300-7
STD MAG-MATE POKE-IN WITH .187



TE Part # 316300-4
STD MAG-MATE .187 POKE-IN TAB



TE Part # 316300-5
STD MAG-MATE .187 POKE-IN TAB



TE Part # 2-316300-8
STD MAG-MATE POKE-IN WITH 187T



TE Part # 2-316300-9
STD MAG-MATE POKE-IN WITH 187T



TE Part # 2825382-1
STD MAG-MATE .187 POKE-IN TAB



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



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



TE Part # 2-316300-7
STD MAG-MATE POKE-IN WITH 187T

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



Insertion & Extraction Tools(6)



Magnet Wire Terminals(337)



PCB Terminals(1)

Customers Also Bought

TE Part #63668-2
TAB,187 FASTON, MAG-MATE

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

[Agency Approvals](#)

[UL Report](#)

English