

316300-5 ✓ ACTIVE



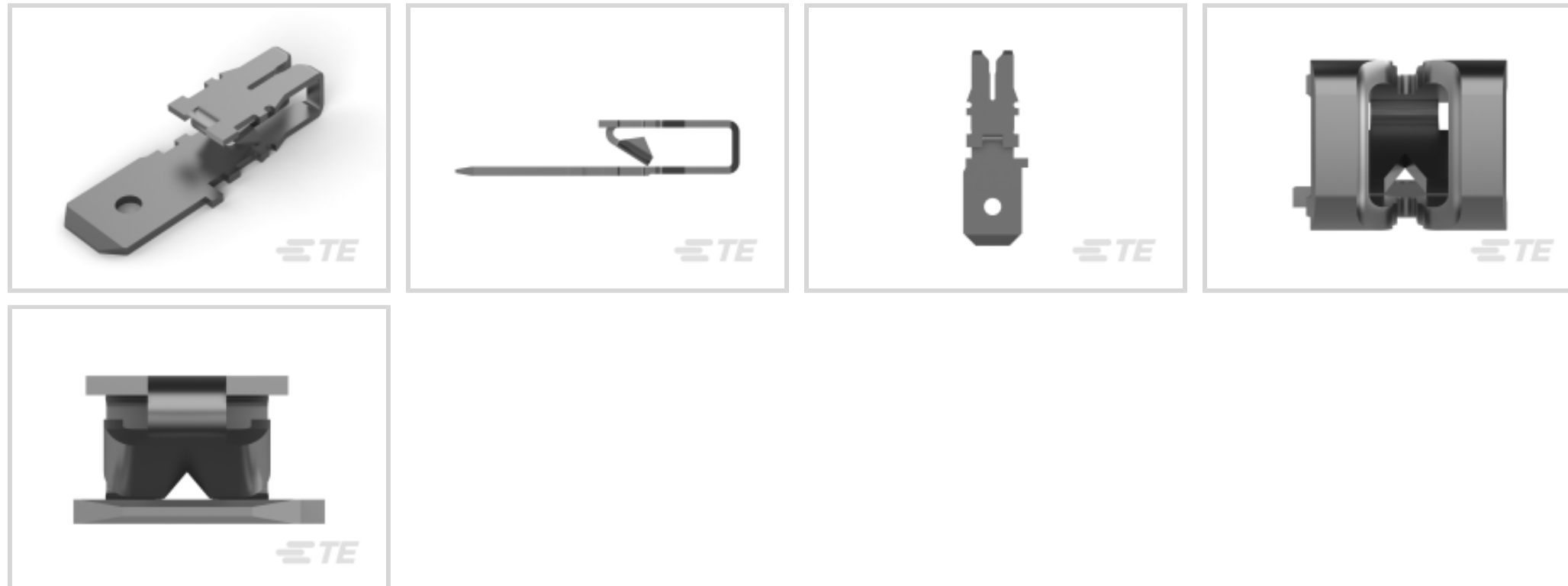
MAG-MATE

TE Internal #: 316300-5

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 mm², 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

Configuration Features

Strip Orientation

Side Feed

Body Features

Compatible With Cavity Size

Size 1

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



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 ²
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Magnet Wire Size	28 – 26 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	15
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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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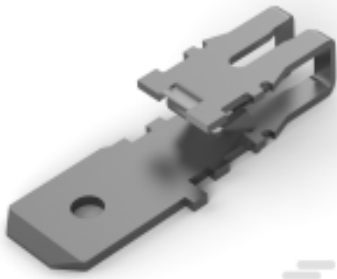
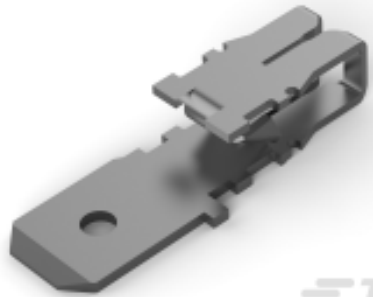





Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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Product Compliance Disclaimer

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

 <p>TE Part # 6-316300-7 STD MAG-MATE POKE-IN WITH .187</p>	 <p>TE Part # 316300-4 STD MAG-MATE .187 POKE-IN TAB</p>	 <p>TE Part # 2-316300-8 STD MAG-MATE POKE-IN WITH 187T</p>	 <p>TE Part # 2-316300-9 STD MAG-MATE POKE-IN WITH 187T</p>
 <p>TE Part # 2825382-1 STD MAG-MATE .187 POKE-IN TAB</p>	 <p>TE Part # 316300-6 STD MAG-MATE .187 POKE-IN TAB</p>	 <p>TE Part # 63340-1 MAG-MATE 187 FTAB #23 TPBR</p>	 <p>TE Part # 1742203-1 SPEC LEAF CONT,500SER,MAG-MATE</p>
 <p>TE Part # 1217211-1 TAB POKE-IN 118 COMB 300 MM</p>	 <p>TE Part # 1987199-1 BRIDGE CONTACT</p>	 <p>TE Part # 2-316300-7 STD MAG-MATE POKE-IN WITH 187T</p>	 <p>TE Part # 62511-2 MAG-MATE 22-20 187 F TAB TPBR</p>

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



Insertion & Extraction Tools(8)

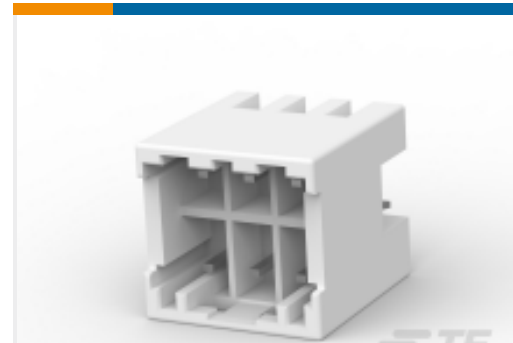
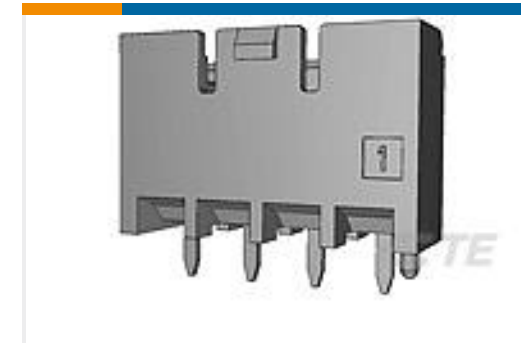


Magnet Wire Terminals(464)



PCB Terminals(1)

Customers Also Bought

TE Part #175019-1
187 PL EX FLAG REC. 22-16AWG PTBRTE Part #62833-1
MAG-MATE POKE-IN TERM 016TPBRTE Part #5-1971906-7
Glow Wire GRACE INERTIA HeaderTE Part #3-1376421-4
10mm B-T-W Conn. 2P HDR ASSEMBTE Part #1-1376421-2
10mm B-T-W Conn. 2P HDR ASSEMBTE Part #63667-3
MAG-MATE 187 FAST TAB 020TPBRTE Part #755435-1
DAHT 250 POS LOCK REC CONT 22-18 ASSYTE Part #5-1971906-3
HEADER ASSY 6POS,KEYING-A,NEW GIC3.3

Documents

Product Drawings

[STD MAG-MATE .187 POKE-IN TAB](#)

English

[STD MAG-MATE .187 POKE-IN TAB](#)

Japanese

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_316300-5_N_c-316300-5-n.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_316300-5_N_c-316300-5-n.3d_igs.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_316300-5_N_c-316300-5-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

Product Environmental Compliance

[MD_316300-5_02252014025_dmtec](#)

English

[MD_316300-5_02252014025_dmtec](#)

English

Instruction Sheets

[STD MAG-MATE INSERTION MODULE](#)

Japanese

Agency Approvals

[UL Report](#)

English