



MAG-MATE

TE Internal #: 316300-6  
Poke-In, 4.75 mm [.187 in] Tab Width, 20 – 18 AWG Lead Wire, .5 – .8 mm² Lead Wire, .9 – 1.15 mm Magnet Wire, 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: **.5 – .8 mm²**

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)
Mechanical Attachment	
Mating Retention Type	Hole
Dimensions	
Terminal Height	7.62 mm[.3 in]
Lead Wire Size	20 – 18 AWG
Magnet Wire Size	.9 – 1.15 mm
Stock Thickness (Magnet Wire Side)	.41 mm[.016 in]
Product Length	27.75 mm[1.029 in]
Usage Conditions	
Insulation Option	Uninsulated
Operating Temperature Range	-20 – 105 °C[-4 – 221 °F]
Operation/Application	
Compatible With Wire Base Material	Copper
Identification Marking	
Identification Number	24
Packaging Features	
Packaging Quantity	8000
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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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>

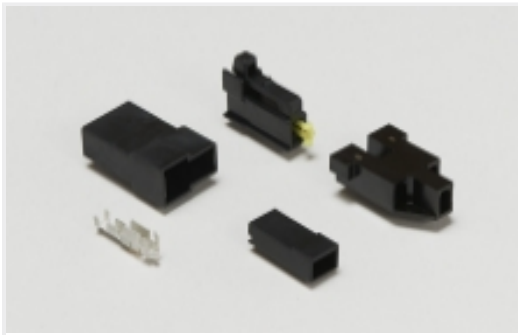
Compatible Parts

 TE Part # 2-316300-9 STD MAG-MATE POKE-IN WITH 187T	 TE Part # 1217210-2 TAB,POKE-IN/.118 TAB,COMBO,MAG	 TE Part # 1217004-1 MAG-MATE 23-20 187 FST/TB TPBR	 TE Part # 2-316300-7 STD MAG-MATE POKE-IN WITH 187T
 TE Part # 316300-4 STD MAG-MATE .187 POKE-IN TAB	 TE Part # 6-316300-7 STD MAG-MATE POKE-IN WITH .187	 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 # 1217210-1 TAB POKE-IN 118 COMB 300 MM	 TE Part # 2825382-1 STD MAG-MATE .187 POKE-IN TAB		

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



Insertion & Extraction Tools(6)



Magnet Wire Terminals(329)



PCB Terminals(1)

Customers Also Bought



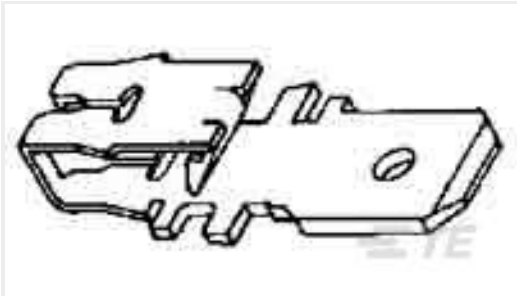
TE Part #175019-1  
187 PL EX FLAG REC. 22-16AWG PTBR



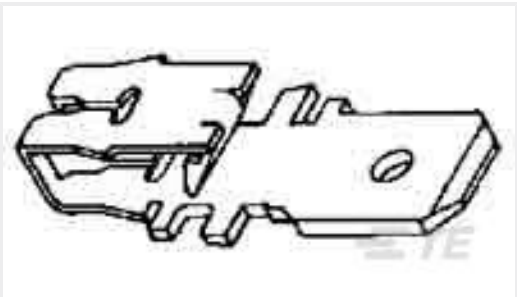
TE Part #62833-1  
MAG-MATE POKE-IN TERM 016TPBR



TE Part #62420-1  
MAG-MATE TERM 20-22 016 TPBR



TE Part #63663-2  
MAG-MATE 22-20 187 FTAB TPBR



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.



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**Datasheets & Catalog Pages**  
**Magnet Wire Terminals & Splices**

English

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**Product Specifications**  
**Application Specification**

English

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

English

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**Agency Approvals**  
**UL Report**

English