



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

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

Mating Retention Type	Hole
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Dimensions

Terminal Height	7.62 mm[.3 in]
Lead Wire Size	.5 – .8 mm²
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
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Identification Marking

Identification Number	24
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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: 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 #DT04-2P
REC, 2P, GRY, N

TE Part #DT06-2S
PLG, 2P, GRY, N

TE Part #W2S
Wedgelocks: DEUTSCH DT

TE Part #0460-202-16141
DEUTSCH Solid Contacts

TE Part #282104-1
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING

TE Part #281934-2
SINGLE WIRE SEAL

TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT

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

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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