



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)
Mechanical Attachment	
Mating Retention Type	Hole
Dimensions	
Terminal Height	7.62 mm[.3 in]
Lead Wire Size	.5 – .8 mm²
Magnet Wire Size	.35 – .63 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	10
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

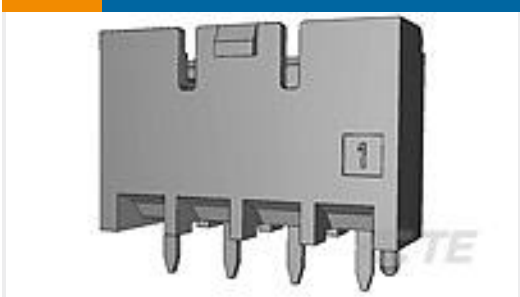
 TE Part # 6-316300-7 STD MAG-MATE POKE-IN WITH .187	 TE Part # 62514-1 MAG-MATE 27-23 187 F TAB TPBR	 TE Part # 63585-1 MAG-MATE 27-23 187 F TAB TPBR	 TE Part # 316300-5 STD MAG-MATE .187 POKE-IN TAB
 TE Part # 2-316300-8 STD MAG-MATE POKE-IN WITH 187T	 TE Part # 2-316300-9 STD MAG-MATE POKE-IN WITH 187T	 TE Part # 2825382-1 STD MAG-MATE .187 POKE-IN TAB	 TE Part # 316300-6 STD MAG-MATE .187 POKE-IN TAB
 TE Part # 62514-2 MAG-MATE 27-23 187 F TAB TPBR	 TE Part # 2-316300-7 STD MAG-MATE POKE-IN WITH 187T		

Also in the Series | **MAG-MATE 300**



Magnet Wire Terminals(78)

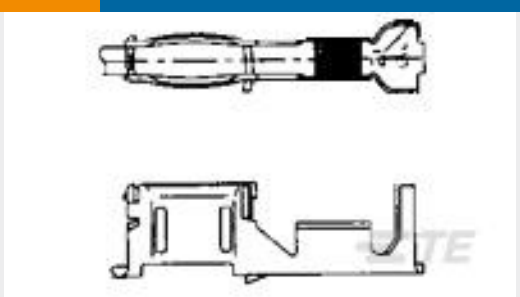
Customers Also Bought



TE Part #2-1376382-3
5mm B-T-W Conn. 2P HDR ASSEMBL



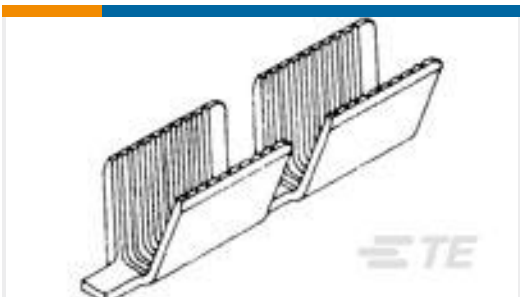
TE Part #1376385-1
5mm B-T-W Conn. 6P HDR ASSEMBL



TE Part #316292-1
3.2 CLUSTER REC L-TYPE



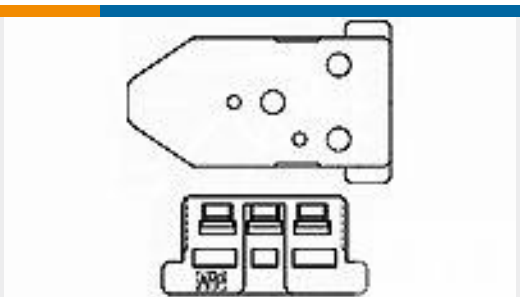
TE Part #62935-1
MAG-MATE TERM 27-23 016 TPBR



TE Part #62304-2
AMVAR SPLC 600-3000 020TPBR



TE Part #179846-4
AMP POWER D/LOCK T/HDR ASSY 3P



TE Part #316293-1
3.2 CLUSTER BLOCK HSG NATURAL



TE Part #2-1971906-5
HEADER ASSY 10POS,KEYING-B,NEW GIC3.3

Documents

Product Drawings

STD MAG-MATE .187 POKE-IN TAB

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_316300-4_N_c-316300-4-n.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_316300-4_N_c-316300-4-n.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_316300-4_N_c-316300-4-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

Instruction Sheets
MANUAL PRESS FOR MAG-MATE(911979-9)

Japanese

Instruction Sheet (non U.S.)

Japanese

Agency Approvals
UL Report

English