

62896-1 ✓ ACTIVE



## MAG-MATE

TE Internal #: 62896-1

Magnet Wire Terminals, Poke-In, Lead Wire Size 22 – 18 AWG,  
Lead Wire Size .3 – .9 mm<sup>2</sup>, Crimp / Insulation Displacement (IDC),  
MAG-MATE

[View on TE.com >](#)

Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Poke-In**

Accepts Wire Insulation Diameter (Max): **2.54 mm [ .1 in ]**

Accepts Wire Insulation Diameter Range: **1.52 – 2.54 mm [ .06 – .1 in ]**

Lead Wire Size: **22 – 18 AWG**

### Features

#### Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid
Sealable	No

#### Contact Features

Magnet Wire Terminal Type	Poke-In
Terminal Plating Material	Tin
Terminal Orientation	Flag

#### Termination Features

Termination Method to Wire & Cable	Crimp, Insulation Displacement (IDC)
Crimp Area Length	8.2 mm[.323 in]

#### Mechanical Attachment

Wire Insulation Support	With
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#### Dimensions

Terminal Height	6.98 mm[.275 in]
Accepts Wire Insulation Diameter (Max)	2.54 mm[.1 in]



Accepts Wire Insulation Diameter Range	1.52 – 2.54 mm [.06 – .1 in]
Lead Wire Size	22 – 18 AWG
Stock Thickness (Magnet Wire Side)	.46 mm [.018 in]
Overall Product Length	12.52 mm [.493 in]

### Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-65 – 150 °C [-85 – 302 °F]

### Operation/Application

Compatible With Wire Base Material	Copper
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### Packaging Features

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
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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 # 62897-1  
MAG-MATE POKE-IN TAB 020 TPBR



TE Part # 2305570-1  
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 63218-1  
MAG-MATE POKE-IN TAB 018PTPBR



TE Part # 63364-1  
MAG-MATE TAB 22-18 018PTPBR



TE Part # 63410-1  
MAG-MATE POKE IN TAB .020PTPBR



TE Part # 62895-1  
MAG-MATE POKE-IN TAB 018 TPBR



TE Part # 1217041-1  
TAB, POKE IN PCB 020 TPCUBR



TE Part # 1217470-1  
TAB MAG-MATE POKE-IN 22-18



TE Part # 2-2151116-1  
OCEAN\_2.0\_Applicator-S-090F140F



TE Part # 2-2151116-2  
OCEAN\_2.0\_Applicator-S-090F140F



TE Part # 2151116-1  
OCEAN\_2.0\_Applicator-S-090F140F




TE Part # 2151116-2  
OCEAN\_2.0\_Applicator-S-090F140F



**KIT**  
REPRESENTATION ONLY

TE Part # 7-2151116-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-090F140F


## Also in the Series | MAG-MATE



Insertion & Extraction Tools(7)



Magnet Wire Terminals(462)



PCB Terminals(1)



## Documents

### Product Drawings

#### MAG-MATE POKE-IN TAB 018 PTPBR

English

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### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_62896-1\\_Z.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_62896-1\\_Z.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_62896-1\\_Z.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

#### Magnet Wire Terminals & Splices

English

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### Product Specifications

#### Product Specification

English

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### Product Environmental Compliance

[MD\\_62896-1\\_07212016257\\_dmtec](#)

English

[MD\\_62896-1\\_07212016257\\_dmtec](#)

English

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### Agency Approvals

#### Agency Approval Document

English