

### **MAG-MATE**

TE Internal #: 63458-1

Magnet Wire Terminals, Poke-In, Lead Wire Size 18 - 14 AWG, Lead

Wire Size .8 - 2 mm², Crimp / Insulation Displacement (IDC), MAG-

MATE

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Terminals & Splices > Magnet Wire Terminals











Magnet Wire Terminal Type: Poke-In

Compatible Insulation Diameter (Max)

Compatible Insulation Diameter Range

Compatible Insulation Diameter (Max): 3.56 mm [ .14 in ]

Compatible Insulation Diameter Range: 2.29 - 3.56 mm [ .09 - .14 in ]

Lead Wire Size: .8 - 2 mm²

## **Features**

## **Product Type Features**

Compatible With Discrete Wire Type	Magnet Wire, Solid
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	3.05 mm[.12 in]
Mechanical Attachment	
Wire Insulation Support	With
Dimensions	

3.56 mm[.14 in]

2.29 - 3.56 mm[.09 - .14 in]



Lead Wire Size	.8 - 2 mm <sup>2</sup>
Stock Thickness (Magnet Wire Side)	.51 mm[.02 in]
Product Length	12.95 mm[.51 in]
Usage Conditions	
Insulation Option	Uninsulated
Operation/Application	
Compatible With Wire Base Material	Copper
Packaging Features	
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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # 63775-1 TAB, MAG-MATE POKE-IN TPBR



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



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



TE Part # 63397-1 MAG-MATE POKE-IN TAB 0198 TPBR



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



TE Part # 1599986-1 MAG MATE POKE-IN DUAL TAB



TE Part # 2151530-2 OCEAN-2.0-APPLICATOR-S-110F180F-RSA



TE Part # 2238281-1 MAG-MATE POKE-IN TAB 020 PTPBR



TE Part # 7-2151530-7 OCEAN\_2.0\_SPARE\_PART\_KIT-110F180F



TE Part # 7-2151530-2 OCEAN-2.0-APPLICATOR-S-110F180F

# Also in the Series | MAG-MATE



Insertion & Extraction Tools(6)



Magnet Wire Terminals(337)



PCB Terminals(1)

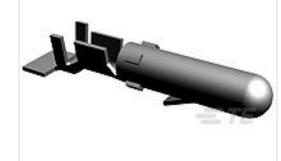
# Customers Also Bought



TE Part # 61233-1 .156 MNL SOK 12-10 PTPBR



TE Part # 61085-1 .156 MNL SOK PTPBR



TE Part # 61086-1 .156 MNL PIN 20-14 PTPBR











### **Documents**

### **Product Drawings**

MAG-MATE POKE-IN TAB 020 PTPBR

English

### **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_63458-1\_S.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_63458-1\_S.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_63458-1\_S.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