



MAG-MATE

TE Internal #: 62780-1
Poke-In, Mating Tab Width 6.43 mm [.253 in], Special, Lead Wire
Size 22 – 18 AWG, Lead Wire Size .3 – .9 mm², MAG-MATE, Magnet
Wire Terminals

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Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Poke-In**
Mating Tab Width: **6.43 mm [.253 in]**
Mating Tab Thickness: **.83 mm [.033 in]**
Compatible With Cavity Size: **Special**
Lead Wire Size: **22 – 18 AWG**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid
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Body Features

Compatible With Cavity Size	Special
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Contact Features

Magnet Wire Terminal Type	Poke-In
Mating Tab Width	6.43 mm[.253 in]
Mating Tab Thickness	.83 mm[.033 in]
Terminal Plating Material	Tin
Terminal Orientation	Straight

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Mechanical Attachment

Mating Retention Type	Dimple
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Dimensions

Terminal Height	8.76 mm[.345 in]
Lead Wire Size	.3 – .9 mm ²
Magnet Wire Size	.05 – .13 mm
Stock Thickness (Magnet Wire Side)	.25 mm[.01 in]
Product Length	8.78 mm[.345 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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Identification Marking

Identification Number	10
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Packaging Features

Packaging Quantity	5000
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 # 62897-1 MAG-MATE POKE-IN TAB 020 TPBR	 TE Part # 62781-1 MINI MAG-MATE 42-52 010 TPBR	 TE Part # 63613-1 MINI MAG-MATE 42-52 010 TPBR	 TE Part # 1217529-1 MINI MAG-MATE 187 TAB
 TE Part # 62781-3 TERM MAG-MATE MINI 42-52 TPBR	 TE Part # 62606-1 MINI MAG-MATE 30-38 010 TPBR	 TE Part # 62781-2 TERM MAG-MATE MINI 42-52 TPBR	 TE Part # 62938-1 MAG-MATE POST 33-31 010 TPBR
 TE Part # 62895-1 MAG-MATE POKE-IN TAB 018 TPBR	 TE Part # 1217457-1 RECEPT. TAB, MAG-MATE	 TE Part # 62655-1 MAG-MATE 250FTAB 32-31 010TPBR	

Also in the Series | MAG-MATE

 Insertion & Extraction Tools(6)	 Magnet Wire Terminals(337)	 PCB Terminals(1)
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Customers Also Bought



TE Part #1-2176230-5
3522 12R 5% 3W

TE Part #34105
SOLIS R 22-16 COMM 22-18 MIL 6

TE Part #62612-2
RING .164 12-10 AWG 0245 TPCRS

TE Part #1-174712-1
187 HSG. PL MKII REC. 6.65mm 2P NAT

TE Part #170325-5
187 PL MKII REC. 20-16AWG PTBR

TE Part #1983780-1
NG GIC 3.3 REC CONTACT TIN PLATE

TE Part #2366999-1
Nano MAG-MATE terminals

TE Part #ANT-916-CW-RCL
Antenna 1/2 Wave R-Angle 916MHz RPS

TE Part #C58LL-RPSM-2438-NM
RP-SMA to N Type 2458mm RG58

Documents

Product Drawings

MINI MAG-MATE 36-44 010 TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_62780-1_AT.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_62780-1_AT.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_62780-1_AT.3d_stp.zip

English

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Datasheets & Catalog Pages



Magnet Wire Terminals & Splices

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English