



MAG-MATE

TE Internal #: 1742897-1
MAG-MATE, Magnet Wire Terminals, Poke-In, Magnet Wire
Terminal Mating Tab Width 3.43 mm [.135 in]
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Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Terminal Type: **Poke-In**
Magnet Wire Terminal Mating Tab Width: **3.43 mm [.135 in]**
Magnet Wire Terminal Mating Tab Thickness: **.46 mm [.018 in]**
Terminal Height: **16 mm [.63 in]**
Magnet Wire Terminal Wire Insulation Diameter (Max): **2.54 mm [.1 in]**

Features

Product Type Features

Sealable	No
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Body Features

Magnet Wire Terminal Plating Material	Tin
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Contact Features

Magnet Wire Terminal Terminal Type	Poke-In
Magnet Wire Terminal Terminal Orientation	Flag

Termination Features

Magnet Wire Terminal Termination Method	Crimp, IDC Standard
Crimp Area Length	5.96 mm[.235 in]

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Magnet Wire Terminal Mating Tab Width	3.43 mm[.135 in]
Magnet Wire Terminal Mating Tab Thickness	.46 mm[.018 in]



Terminal Height	16 mm[.63 in]
Magnet Wire Terminal Wire Insulation Diameter (Max)	2.54 mm[.1 in]
Accepts Wire Insulation Diameter Range	1.52 – 2.54 mm[.06 – .1 in]
Wire Size	.64 – 1.02 mm ²
Magnet Wire Size	22 – 18 AWG
Magnet Wire Terminal Material Thickness	.46 mm[.018 in]
Stock Thickness (Magnet Wire Side)	.46 mm[.018 in]
Magnet Wire Terminal Overall Length	12.52 mm[.493 in]

Usage Conditions

Insulation Requirement	Uninsulated
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Packaging Features

Magnet Wire Terminal Packaging Method	Reel/Carton
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Product Compliance

For compliance documentation, visit the product page on TE.com>

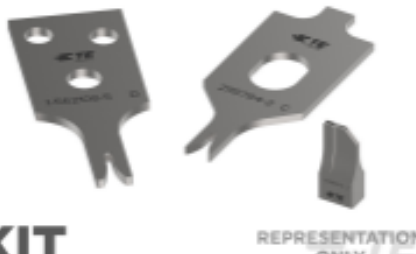
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not 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 reviewed 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 # 2305570-1 TERMINAL CUTTER, SIDE FEED	 TE Part # 63218-1 MAG-MATE POKE-IN TAB 018PTPBR	 TE Part # 63364-1 MAG-MATE TAB 22-18 018PTPBR	 TE Part # 1599986-1 MAG MATE POKE-IN DUAL TAB
 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	 TE Part # 2312000-1 TAB, POKE-IN, MAG-MATE	 TE Part # 7-2151116-7 OCEAN_2.0_SPARE_PART_KIT-090F140F	

Also in the Series | MAG-MATE

 Insertion & Extraction Tools(8)	 Magnet Wire Terminals(468)	 PCB Terminals(1)
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Customers Also Bought



TE Part #170140-2
187 FASTON,FLAG,REC.,16-20 AWG, TPBR

TE Part #170063-2
CLUSTER PIN REC

TE Part #1-1747050-5
Glow Wire GRACE INERTIA Plug

TE Part #1-1971030-8
STD Temp Sig GRACE INERTIA Plug

TE Part #1971032-9
9POS HEADER ASSEMBLY FOR GIC 2.0 EV

TE Part #175151-5
AMP UNIVERSAL POWER CONN.REC C

TE Part #172890-7
7P 2MM MINI AMP-IN HDR HSG

TE Part #1971200-1
GIC 2.0 EV 5/8P HEADER ASSEMBLY

TE Part #7-2151084-7
OCEAN_2.0_SPARE_PART_KIT-042F062O

TE Part #1717289-1
2.3DIA CLUSTER BLOCK REVERSE H

Documents

Product Drawings
MAG-MATE POKE-IN TAB 018 PTPBR
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1742897-1_B.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1742897-1_B.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1742897-1_B.3d_stp.zip
English

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Product Specifications



Application Specification

English

Product Environmental Compliance

MD_1742897-1_0721201633_dmtec

English

MD_1742897-1_0721201633_dmtec

English