



Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Wire-to-Wire**
Compatible Insulation Diameter (Max): **2.9 mm [.115 in]**
Compatible Insulation Diameter Range: **2.9 mm [.115 in]**
Lead Wire Size: **.3 - .8 mm²**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire & Lead Wire
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Contact Features

Magnet Wire Terminal Type	Wire-to-Wire
Terminal Plating Material	Tin
Contact Underplating Material	Nickel
Terminal Orientation	Straight

Termination Features

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

Mating Retention Type	Barbs
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Dimensions

Terminal Height	3.17 mm[.125 in]
Compatible Insulation Diameter (Max)	2.9 mm[.115 in]
Compatible Insulation Diameter Range	2.9 mm[.115 in]
Lead Wire Size	.3 - .8 mm²



Magnet Wire Size	.16 - 1.02 mm
Stock Thickness (Magnet Wire Side)	.51 mm[.02 in]
Product Length	7.62 mm[.3 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-40 - 175 °C[-40 - 347 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Bag
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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 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 lead free process capable

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 # 4-1601041-3 PC TAB STANDARD SIAMEZE	 TE Part # 8-1601046-1 331-101-000=WIRE2WIRE,STD,SMZ	 TE Part # 4-1601046-1 031-101-000=WIRE2WIRE,STD,SMZ	 TE Part # 6-1601046-1 231-101-000=WIRE2WIRE,STD,SMZ
 TE Part # 2-1601046-1 131-102-000=WIRE2WIRE,STD,SMZ	 TE Part # 1601046-1 131-101-000=WIRE2WIRE,STD,SMZ	 TE Part # 1601046-2 WIRE2WIRE,STD,SMZ	 TE Part # 1601041-3 PC TAB STANDARD SIAMEZE
 TE Part # 1601011-2 TAB,187 X 020,STD,SMZ	 TE Part # 1601046-3 STANDARD WIRE TO WIRE SIAMEZE, HIGH TEMP,	 TE Part # 2-1601075-3 WIRE2BLADE,STD,SIAMEZE	 TE Part # 2322343-2 WIRE2WIRE,STD,SMZ FOR AL WIRE
 TE Part # 4-1601000-2 031-001-001=WIRE2WIRE,STD,SMZ	 TE Part # 8-1601046-2 331-101-000=WIRE2WIRE,STD,SMZ		

Also in the Series | SIAMEZE

 Insertion & Extraction Tools(1)	 Magnet Wire Terminals(192)
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Customers Also Bought



TE Part # 206070-8
CABLE CLAMP KIT #17

TE Part # DT04-2P
REC, 2P, GRY, N

TE Part # W2S
Wedgelocks: DEUTSCH DT

TE Part # 0460-202-16141
DEUTSCH Solid Contacts

TE Part # 282104-1
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING

TE Part # DT06-2S
PLG, 2P, GRY, N

TE Part # 281934-2
SINGLE WIRE SEAL

Documents

Product Drawings
WIRE2WIRE,STD,SMZ

English
WIRE2WIRE,STD,SMZ
English

CAD Files
Customer View Model
ENG_CVM_CVM_6-1601046-2_H.2d_dxf.zip

English
3D PDF
3D

Customer View Model
ENG_CVM_CVM_6-1601046-2_H.3d_igs.zip
English

Customer View Model
ENG_CVM_CVM_6-1601046-2_H.3d_stp.zip
English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications
Application Specification

English

Agency Approvals
UL Report

English

6-1601046-2

Magnet Wire Terminals, Wire-to-Wire, Lead Wire Size 22 - 18 AWG, Lead Wire Size .3
- .8 mm², .16 - 1.02 mm Magnet Wire, SIAMEZE

