



SIAMEZE

TE Internal #: 6-1601046-2

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

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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

Contact Features

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

Dimensions

Compatible Insulation Diameter (Max)	2.9 mm[.115 in]
Compatible Insulation Diameter Range	2.9 mm[.115 in]
Lead Wire Size	.3 – .8 mm ²
Magnet Wire Size	.16 – 1.02 mm
Stock Thickness (Magnet Wire Side)	.51 mm[.02 in]
Product Length	7.62 mm[.3 in]
Terminal Height	3.17 mm[.125 in]

Termination Features

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

Mating Retention Type	Barbs
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Packaging Features

Packaging Method	Bag
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Operation/Application

Compatible With Wire Base Material	Copper
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Product Type Features

Compatible With Discrete Wire Type	Magnet Wire & Lead Wire
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Usage Conditions

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

EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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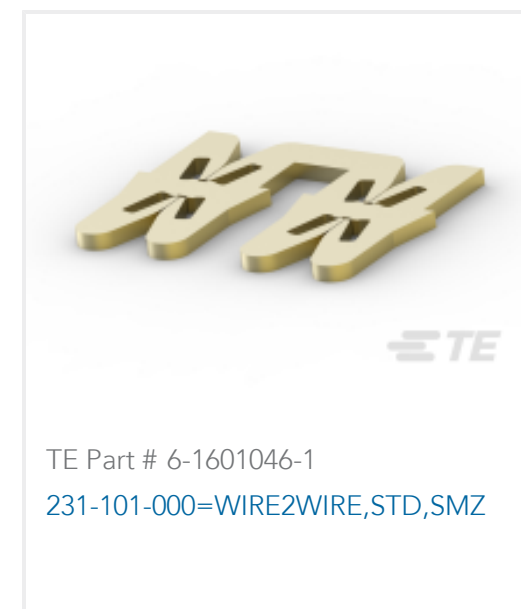
Solder Process Capability	Not lead free process capable
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Product Compliance Disclaimer

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



Also in the Series | **SIAMEZE**



Insertion & Extraction Tools(1)



Magnet Wire Terminals(192)

Customers Also Bought

TE Part #DT04-2P
REC, 2P, GRY, NTE Part #W2S
Wedgelocks: DEUTSCH DTTE Part #0460-202-16141
DEUTSCH Solid ContactsTE Part #282104-1
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSINGTE Part #206070-8
CABLE CLAMP KIT #17TE Part #DT06-2S
PLG, 2P, GRY, NTE 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

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English