



TE Internal #: 1601046-3

Wire-to-Wire Magnet Wire Terminal, 18 – 34 AWG, .16 – 1.02 mm,
 SIAMEZE IDC, 18 – 22 AWG Lead Wire, .3 – .8 mm² Lead Wire,
 Unplated Plating

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Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Wire-to-Wire**

Compatible With Cavity Size: **1601433**

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, Solid
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Body Features

Compatible With Cavity Size	1601433
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Contact Features

Magnet Wire Terminal Type	Wire-to-Wire
Terminal Plating Material	Unplated
Terminal Orientation	Straight

Termination Features

Termination Method to Wire & Cable	SIAMEZE IDC
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Mechanical Attachment

Mating Retention Type	Barbs
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Dimensions

Terminal Height	7.62 mm[.3 in]
Compatible Insulation Diameter (Max)	2.9 mm[.115 in]



Compatible Insulation Diameter Range	2.9 mm[.115 in]
Lead Wire Size	18 – 22 AWG
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	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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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



Customers Also Bought





TE Part #1825142-2
AE101MD1AG04



TE Part #9-1879256-5
RP 2B 237R 0.1% 15PPM 1K RL



TE Part #9-2176374-8
RQ 0805 1K1 0.1% 10PPM 1K RL



TE Part #5822138-4
80 ME .050 L/P AU M/L PB-FREE



TE Part #1-1546111-0
EUROSTYLE TB,HEADER,GREY,10POS

Documents

Product Drawings

STANDARD WIRE TO WIRE SIAMEZE,HIGH TEMP,

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1601046-3_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1601046-3_A.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1601046-3_A.2d_dxf.zip](#)

English

3D PDF

3D

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Product Specifications

[Application Specification](#)

English