1601046-3 ✔ ACTIVE

TE Internal #: 1601046-3

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

View on TE.com >

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

Usage Conditions

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

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]

Product Type Features

Compatible With Discrete Wire Type	Solid, Magnet Wire

Body Features

Compatible With Cavity Size	1601433

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

Mechanical Attachment

Mating Retention Type	Barbs

Operation/Application

Compatible With Wire Base Material	Copper

Packaging Features

Packaging Method	Reel/Carton

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 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 # 8-1601046-2
331-101-000=WIRE2WIRE,STD,SMZ



TE Part # 1601046-2
WIRE2WIRE,STD,SMZ



TE Part # 2322343-2
WIRE2WIRE,STD,SMZ FOR AL WIRE



TE Part # 1601281-3
WIRE2BLADE,HIGH CARRIER,STD,SMZ



TE Part # 1601196-3
WIRE2BLADE,HIGH CARRIER.STD,SMZ



TE Part # 6-1601046-1
231-101-000=WIRE2WIRE,STD,SMZ



TE Part # 8-1601046-1
331-101-000=WIRE2WIRE,STD,SMZ



TE Part # 4-1601046-1
031-101-000=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 # 6-1601046-2
WIRE2WIRE,STD,SMZ

Customers Also Bought



TE Part #2-1393243-4
RTE25524



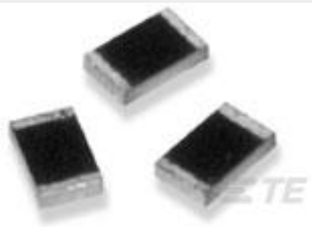
TE Part #1623187-1
CRG0805 1% 300K



TE Part #1825142-2
AE101MD1AG04



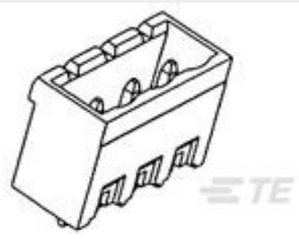
TE Part #7-1393238-2
RTD14110



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



TE Part #964339-1
MAG MATE KONT. MKII



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



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



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

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

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

English