6-1601046-2 ✔ ACTIVE

SIAMEZE

TE Internal #: 6-1601046-2

Wire-to-Wire Magnet Wire Terminal, 34 – 18 AWG, .16 – 1.02 mm, Insulation Displacement (IDC), 22 – 18 AWG Lead Wire, .3 – .8 mm²

Lead Wire, SIAMEZE

View on TE.com >

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: **22 – 18 AWG**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire & Lead Wire

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)

Mechanical Attachment

Mating Retention Type	Barbs

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	22 – 18 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

Packaging Features

Packaging Method	Bag

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 1601011-2
TAB,187 X 020,STD,SMZ



TE Part # 2-1601075-3
WIRE2BLADE,STD,SIAMEZE



TE Part # 1601041-3
PC TAB STANDARD SIAMEZE



TE Part # 1601046-1
131-101-000=WIRE2WIRE,STD,SMZ



TE Part # 4-1601000-2
031-001-001=WIRE2WIRE,STD,SMZ



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



TE Part # 1601046-3
STANDARD WIRE TO WIRE SIAMEZE, HIGH TEMP,



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

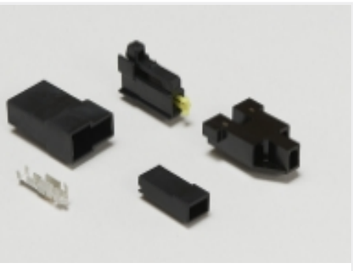


TE Part # 1601046-2
WIRE2WIRE,STD,SMZ



TE Part # 4-1601041-3
PC TAB STANDARD SIAMEZE

Also in the Series | SIAMEZE



Magnet Wire Terminals(191)

Customers Also Bought



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



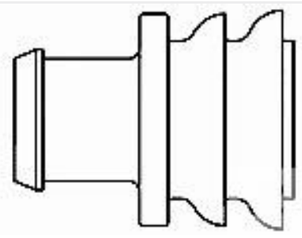
TE Part #DT06-2S
PLG, 2P, GRY, N



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



TE Part #206070-8
CABLE CLAMP KIT #17



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

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