



TE Internal #: 2348501-2  
Magnet Wire Terminals, Solder Tab, 1601424, .45 – 1 mm  
Aluminum Wire, SIAMEZE IDC, Barbs Mating Retention Type, Tin  
Plating, None  
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Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Solder Tab**  
Compatible With Cavity Size: **1601424**  
Aluminum Wire Size: **.45 – 1 mm**  
Termination Method to Wire & Cable: **SIAMEZE IDC**  
Mating Retention Type: **Barbs**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid
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Body Features

Compatible With Cavity Size	1601424
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Contact Features

Magnet Wire Terminal Type	Solder Tab
Terminal Plating Material	Tin
Contact Underplating Material	None
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	8.76 mm[.345 in]
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Aluminum Wire Size	.45 – 1 mm
Stock Thickness (Magnet Wire Side)	.51 mm[.02 in]
Product Length	8.76 mm[.345 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Compatible With Wire Base Material	Aluminum
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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 2024 (240) Candidate List Declared Against: JAN 2020 (205) 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 # 1601095-2  
131-165-014=TAB,PCB,STD,SMZ

TE Part # 2-1601095-2  
131-166-014=TAB,PCB,STD,SMZ

TE Part # 2310498-2  
STD,HIGH CARRIER WIRE TO BALDE  
SIAMEZE

TE Part # 2348500-2  
WIRE TO BLADE SMZ TERMINAL FOR  
AL WIRE

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

Customers Also Bought

TE Part #2-1393243-4  
RTE25524

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

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2348501-2\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2348501-2\_A.3d\_igs.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_2348501-2\\_A.3d\\_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English