



Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Blade Receptacle**

Mating Tab Width: **.51 mm [.02 in]**

Mating Tab Thickness: **.51 mm [.02 in]**

Magnet Wire Size: **.16 – 1.02 mm**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid
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Contact Features

Magnet Wire Terminal Type	Blade Receptacle
Mating Tab Width	.51 mm[.02 in]
Mating Tab Thickness	.51 mm[.02 in]
Terminal Plating Material	Tin
Contact Underplating Material	Copper
Terminal Orientation	Straight

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Dimensions

Terminal Height	3.18 mm[.125 in]
Magnet Wire Size	.16 – 1.02 mm
Stock Thickness (Magnet Wire Side)	.51 mm[.02 in]



Product Length	7.62 mm[.3 in]
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Usage Conditions

Insulation Option	Uninsulated
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Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Reel
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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: 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 applicable for solder process capability

Product Compliance Disclaimer

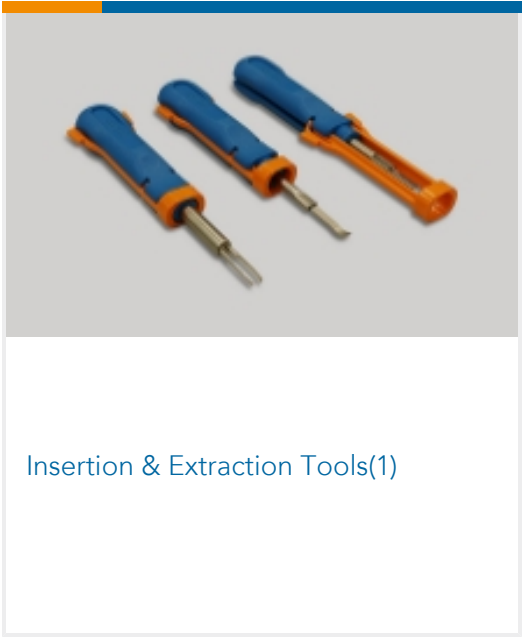
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1601196-1 WIRE2BLADE, HIGH CARRIER, STD, SMZ	 TE Part # 1601149-2 159-019-014=REC, 250X020, MMDSMZ	 TE Part # 2-1601149-2 159-020-014=REC, 250X020, MMDSMZ	 TE Part # 2-1601196-1 WIRE2BLADE, HIGH CARRIER, STD, SMZ
 TE Part # 4-1601000-2 031-001-001=WIRE2WIRE, STD, SMZ	 TE Part # 4-1601075-1 WIRE2BLADE, STD, SMZ	 TE Part # 1601196-2 WIRE2BLADE, HIGH CARRIER, STD, SMZ	 TE Part # 1601425 531-007-000=POCKET SPECIFICATION

Also in the Series | SIAMEZE

 Insertion & Extraction Tools(1)	 Magnet Wire Terminals(192)
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Customers Also Bought

 TE Part #1971777-4 PTL TPA HIGH TEMP 1 x 4 BLACK	 TE Part #350654-1 UMNL GRND PIN 20-14 PTPBR	 TE Part #63677-1 312 FASTON REC 16-12 AWG TPBR	 TE Part #170328-1 250 PL MKII REC. 18-14AWG PTBR
 TE Part #1-1903414-2 GHC 9.0 3POS PLUG HSG RED	 TE Part #2109005-1 060 TAB(SS) CONT	 TE Part #2188270-1 020 28P PLUG ASSY	 TE Part #936552-2 CLIP HSG FOR 187 CONN BLACK



Documents

Product Drawings

131-145-014=WIRE2BLADE,STD,SMZ

English

131-145-014=WIRE2BLADE,STD,SMZ

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1601075-2_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1601075-2_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1601075-2_H.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

1654742_HOUSEHOLD_APPLIANCES_RAST5

English

Magnet Wire Terminals & Splices

English

1-1773702-7 _IDC_Magnet_Wire

English

Product Specifications

Application Specification

English