



TE Internal #: 63590-5

Leaf, 28 – 25 AWG Aluminum Wire, .08 – .16 mm Aluminum Wire, .25 – .36 mm Magnet Wire, 30 – 27 AWG Magnet Wire, Magnet Wire Terminals

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Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Leaf**

Compatible With Cavity Size: **Size 2**

Aluminum Wire Size: **28 – 25 AWG**

Magnet Wire Size: **30 – 27 AWG**

Features

Identification Marking

Identification Number	6
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Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-65 – 150 °C[-85 – 302 °F]

Dimensions

Terminal Height	7.62 mm[.3 in]
Aluminum Wire Size	28 – 25 AWG
Magnet Wire Size	.25 – .36 mm
Stock Thickness (Magnet Wire Side)	.31 mm[.012 in]
Product Length	7.87 mm[.31 in]

Product Type Features

Compatible With Discrete Wire Type	Solid, Magnet Wire
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Body Features

Compatible With Cavity Size	Size 2
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Contact Features



Magnet Wire Terminal Type	Leaf
Terminal Plating Material	Tin
Terminal Orientation	Twisted

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Operation/Application

Compatible With Wire Base Material	Aluminum, Copper
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Packaging Features

Packaging Method	Reel
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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 # 63132-3
TAB, .250 FASTON,MAG-MATE

TE Part # 63590-1
MAG-MATE LEAF CONTACT
0126TPBR

TE Part # 63328-1
MAG-MATE 250F TAB TPBR

TE Part # 62512-1
MAG-MATE 30-27 187 F TAB TPBR

TE Part # 63885-1
TERM MAG-MATE 27-30 013TPBR

TE Part # 62526-1
MAG-MATE TERM 27-30 013 TPBR

TE Part # 63499-1
MAG-MATE 250 F TAB 30-27 TPBR

TE Part # 62992-1
MAG-MATE TERM 30-27 0126TPBR

TE Part # 63590-3
MAG-MATE LEAF CONT 0126 TPPHBZ

TE Part # 63590-2
MAG-MATE LEAF CONTACT
0126TPBR

Customers Also Bought

TE Part #1601215-2
TAB,.059 X .032, STD SMZ

Documents

Product Drawings
SPEC,LEAF,300 SERIES,MAG-MATE
English



CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_63590-5_K.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_63590-5_K.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_63590-5_K.3d_stp.zip

English

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Datasheets & Catalog Pages

Magnet Wire Terminals & Splices

English

Product Specifications

Application Specification

English