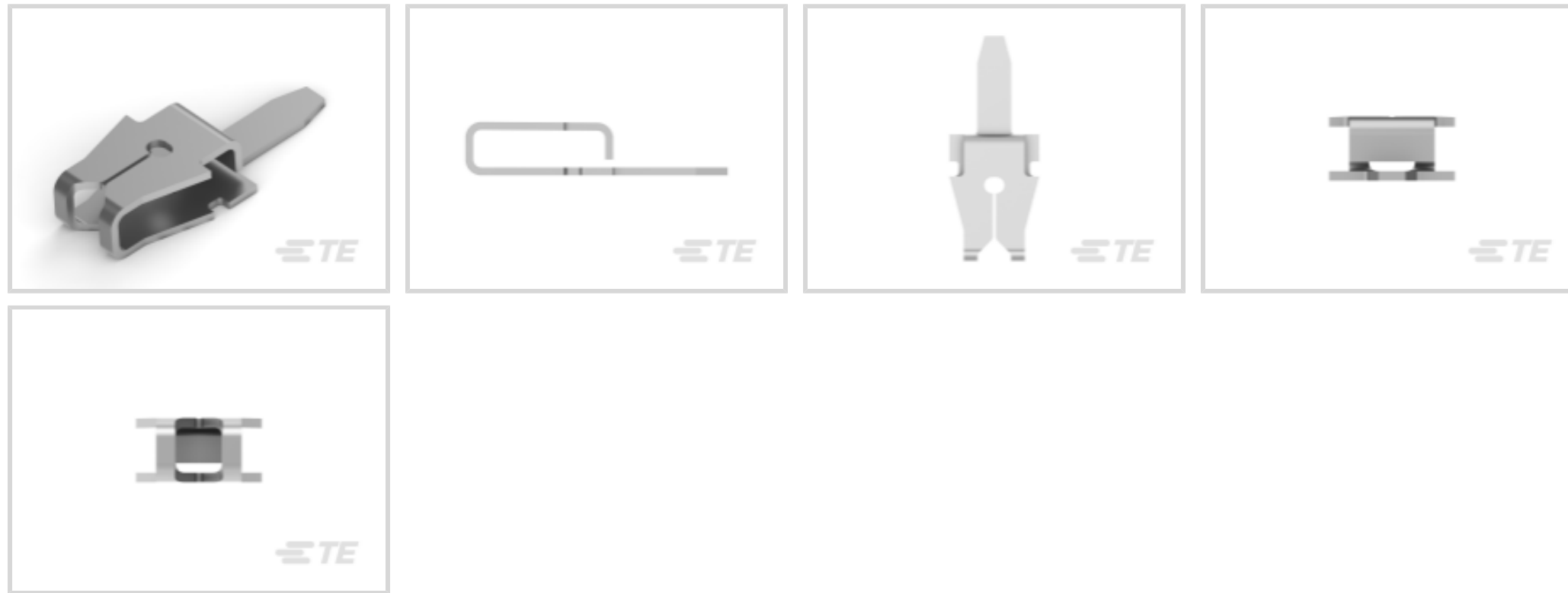




TE Internal #: 2238060-1
 Magnet Wire Terminals, Solder Post, Size 1, Insulation
 Displacement (IDC), Tin Plating, None, Length 8.43 mm [.332 in],
 Reel, Aluminum / Copper Wire

[View on TE.com >](#)

Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Solder Post**
 Compatible With Cavity Size: **Size 1**
 Termination Method to Wire & Cable: **Insulation Displacement (IDC)**
 Contact Mating Retention Type: **Barbs**
 Stock Thickness (Magnet Wire Side): **.25 mm [.01 in]**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid
Sealable	No

Configuration Features

Strip Orientation	Side Feed
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Body Features

Compatible With Cavity Size	Size 1
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Contact Features

Crimp Type	IDC
Magnet Wire Terminal Type	Solder Post
Terminal Plating Material	Tin
Contact Underplating Material	None
Terminal Orientation	Straight

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Mechanical Attachment

Contact Mating Retention Type	Barbs
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Housing Features

Housing Retention Force	Standard Force
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Dimensions

Aluminum Magnet Wire Size	31 – 29 AWG
Terminal Height	8.43 mm [.332 in]
Copper Magnet Wire Size	.18 – .23 mm
Stock Thickness (Magnet Wire Side)	.25 mm [.01 in]
Overall Product Length	8.43 mm [.332 in]

Usage Conditions

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

Operation/Application

Compatible With Wire Base Material	Aluminum, Copper
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Identification Marking

Identification Number	4
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Industry Standards

RU (UL Component Program)	No
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Packaging Features

Packaging Quantity	20000
Packaging Method	Reel

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC

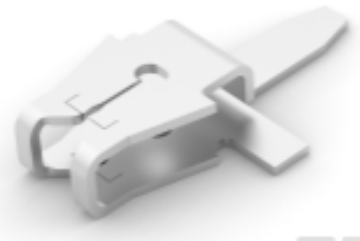
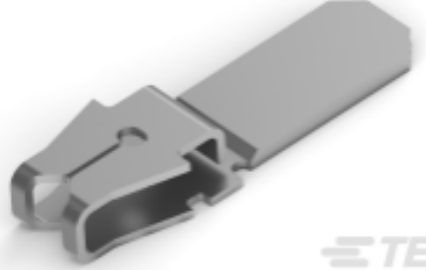

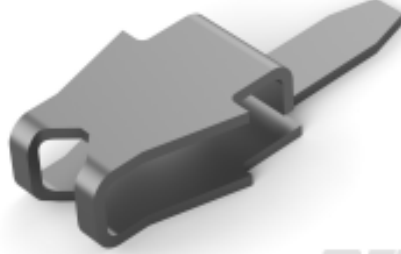
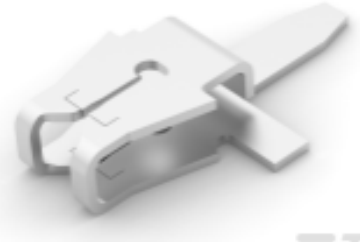
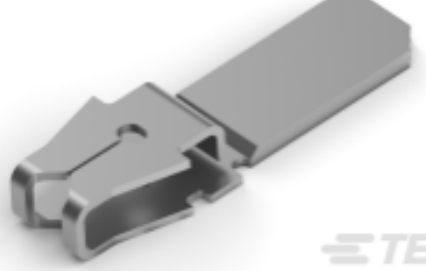

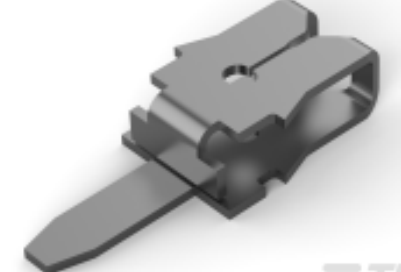



Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

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

 <p>TE Part # 2238061-1 MAG-MATE POST 34-33 CU / 33-31 AL TPBR</p>	 <p>TE Part # 2238089-1 MAG-MATE TAB 31-28 CU / 29-27 AL TPBR</p>	 <p>TE Part # 1742379-1 TERMINAL,POKE-IN,MAG-MATE</p>	 <p>TE Part # 62938-1 MAG-MATE POST 33-31 010 TPBR</p>
 <p>TE Part # 2238062-1 MAG-MATE POST 31-28 CU / 29-27 AL TPBR</p>	 <p>TE Part # 2238087-1 MAG-MATE TAB 34-33 CU / 33-31 AL TPBR</p>	 <p>TE Part # 2238088-1 MAG-MATE TAB 33-31 CU / 31-29 AL TPBR</p>	 <p>TE Part # 62934-1 MAG-MATE POST 32-31 010 TPCUBR</p>
 <p>TE Part # 63444-1 MAG-MATE 048 PIN LH 010TPBR</p>			

Documents



Product Drawings

MAG-MATE POST 33-31 CU / 31-29 AL TPBR

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2238060-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2238060-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2238060-1_B.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

MAG-MATE Terminals for Fine AL and Cu Wire

English

Product Specifications

Application Specification

English