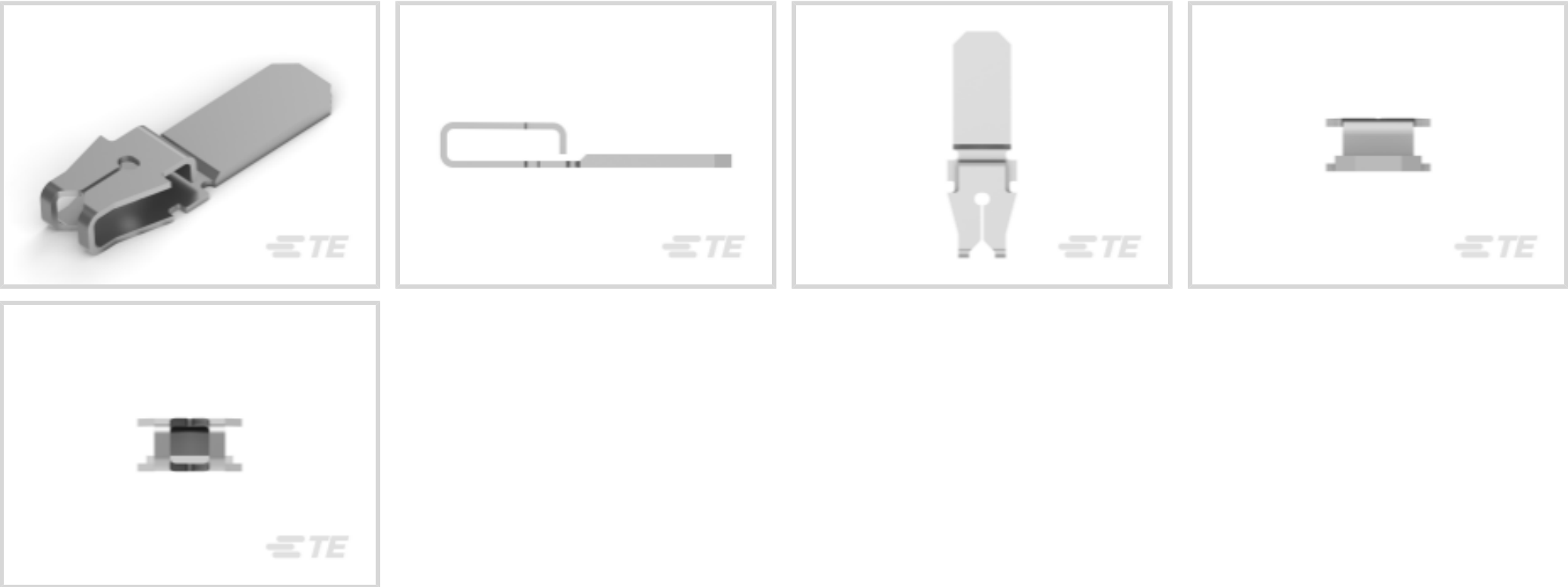




Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Tab**
Mating Tab Width: **2.79 mm [.11 in]**
Mating Tab Thickness: **.51 mm [.02 in]**
Compatible With Cavity Size: **Size 1**
Termination Method to Wire & Cable: **Insulation Displacement (IDC)**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid
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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	Tab
Mating Tab Width	2.79 mm[.11 in]
Mating Tab Thickness	.51 mm[.02 in]
Terminal Plating Material	Tin
Terminal Orientation	Straight

Termination Features

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

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Mating Retention Type	Barbs
Wire Insulation Support	Without

Dimensions

Aluminum Magnet Wire Size	.29 – .36 mm
Terminal Height	10.97 mm [.432 in]
Copper Magnet Wire Size	.23 – .32 mm
Stock Thickness (Magnet Wire Side)	.25 mm [.01 in]
Product Length	10.97 mm [.432 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	5
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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: JAN 2025 (247) Candidate List Declared Against: JAN 2024 (240) 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 # 2238088-1
MAG-MATE TAB 33-31 CU / 31-29 AL TPBR

TE Part # 1742858-1
TAB, PLAIN, 187 MAG-MATE SLIM

TE Part # 2238087-1
MAG-MATE TAB 34-33 CU / 33-31 AL TPBR

TE Part # 2238060-1
MAG-MATE POST 33-31 CU / 31-29 AL TPBR

TE Part # 1742857-1
TAB, PLAIN, 187 MAG-MATE SLIM

TE Part # 1742160-1
TAB,187 FASTON,MAG-MATE

TE Part # 2238061-1
MAG-MATE POST 34-33 CU / 33-31 AL TPBR

TE Part # 2238062-1
MAG-MATE POST 31-28 CU / 29-27 AL TPBR

TE Part # 62938-1
MAG-MATE POST 33-31 010 TPBR

Also in the Series | **MAG-MATE 187**



Magnet Wire Terminals(17)

Customers Also Bought



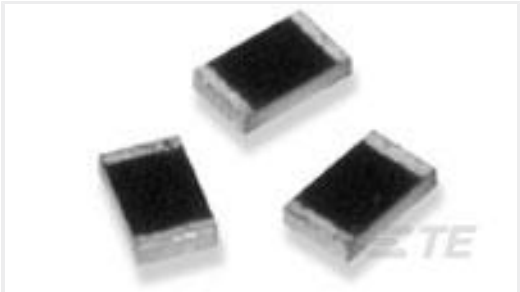
TE Part #7-1393238-2
RTD14110



TE Part #2-1393243-4
RTE25524



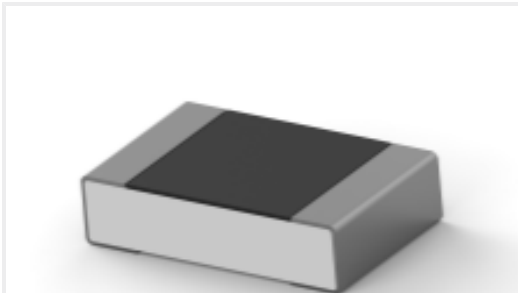
TE Part #1825142-2
AE101MD1AG04



TE Part #9-1879256-5
RP 2B 237R 0.1% 15PPM 1K RL



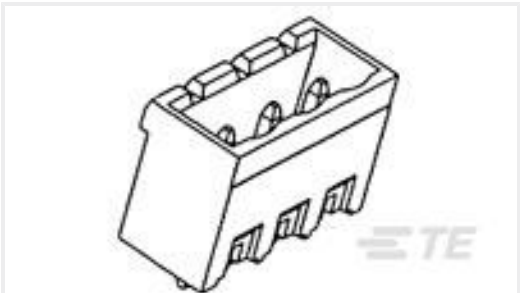
TE Part #1623187-1
CRG0805 1% 300K



TE Part #9-2176374-8
RQ 0805 1K1 0.1% 10PPM 1K RL



TE Part #5822138-4
80 ME .050 L/P AU M/L PB-FREE



TE Part #1-1546111-0
EUROSTYLE TB,HEADER,GREY,10POS



TE Part #964339-1
MAG MATE KONT. MKII

Documents

Product Drawings

MAG-MATE TAB 31-28 CU / 29-27 AL TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2238089-1_B.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_2238089-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2238089-1_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