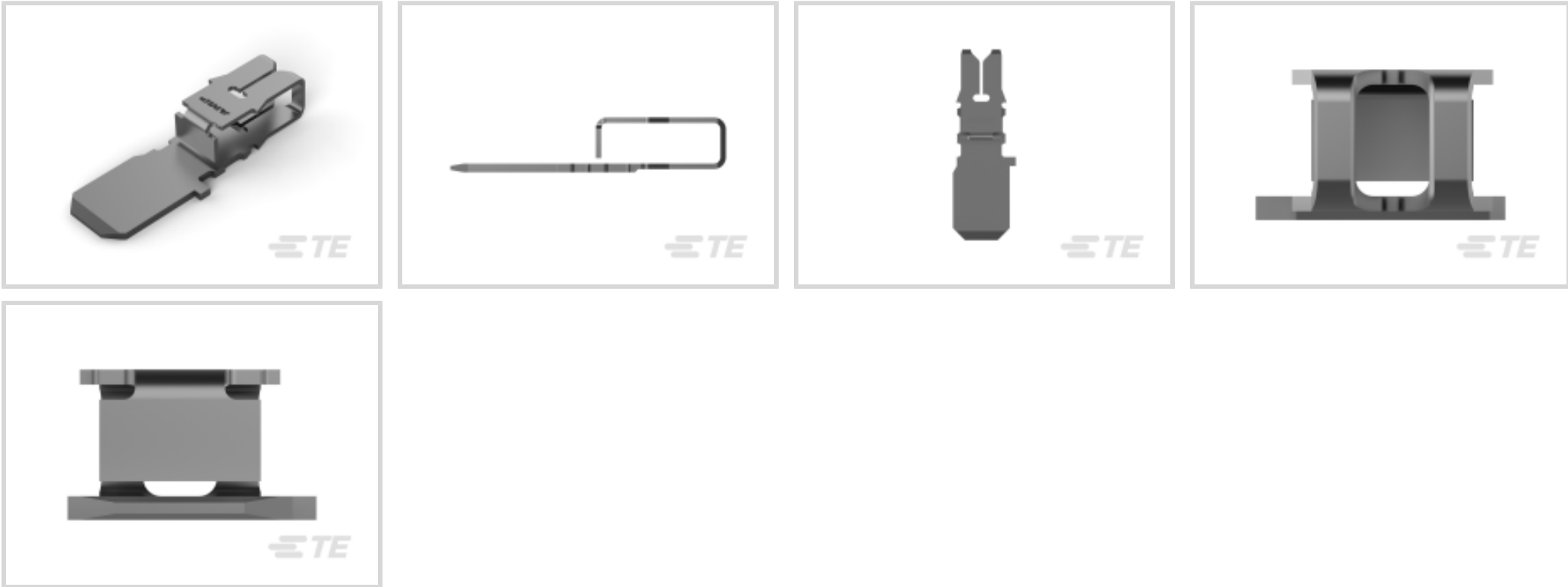




Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Tab**

Mating Tab Width: **4.75 mm** [.187 in]

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

Compatible With Cavity Size: **Size 2**

Aluminum Wire Size: **28 – 25 AWG**

Features

Contact Features

Magnet Wire Terminal Type	Tab
Mating Tab Width	4.75 mm[.187 in]
Mating Tab Thickness	.51 mm[.02 in]
Terminal Plating Material	Tin
Terminal Orientation	Straight

Body Features

Compatible With Cavity Size	Size 2
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Dimensions

Aluminum Wire Size	.32 – .45 mm
Magnet Wire Size	.25 – .36 mm
Stock Thickness (Magnet Wire Side)	.31 mm[.012 in]
Product Length	16 mm[.63 in]
Terminal Height	7.62 mm[.3 in]

Termination Features



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

Mating Retention Type	Dimple
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Packaging Features

Packaging Method	Reel/Carton, Reel
Packaging Quantity	11000

Operation/Application

Compatible With Wire Base Material	Aluminum, Copper
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Product Type Features

Compatible With Discrete Wire Type	Solid, Magnet Wire
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Usage Conditions

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

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Identification Marking

Identification Number	6
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Industry Standards

Compatible With Agency/Standards Products	RU (UL Component Program)
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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 2023 (235) 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 # 62888-2 MAG-MATE 187 TAB 020 TPBR	 TE Part # 63273-1 MAG-MATE 187 FAST TAB 020TPBR	 TE Part # 62514-1 MAG-MATE 27-23 187 F TAB TPBR	 TE Part # 1217302-1 SOLDER TAB .041 MAG-MATE
 TE Part # 62651-1 MAG-MATE 250FTAB 30-27 013TPBR	 TE Part # 62511-1 MAG-MATE 22-20 187 F TAB TPBR	 TE Part # 62514-2 MAG-MATE 27-23 187 F TAB TPBR	 TE Part # 63590-1 MAG-MATE LEAF CONTACT 0126TPBR
 TE Part # 63590-3 MAG-MATE LEAF CONT 0126 TPPHBZ	 TE Part # 63777-1 MAG-MATE 187 F TAB 30-27 TPBR	 TE Part # 1-62511-1 MAG-MATE 22-20 187 F TAB TPBR	 TE Part # 1742242-1 TAB,187 FASTON,LP,MAG-MATE



TE Part # 62429-2
MAG-MATE TERM 27-30 013TPBR

TE Part # 62511-2
MAG-MATE 22-20 187 F TAB TPBR

TE Part # 63018-1
MAG-MATE W/187 FTAB 33-31 TPBR

TE Part # 63255-1
MAG-MATE 187FAST TAB 0198TPBR

TE Part # 63447-1
MAG-MATE 187 FAST TAB 0198TPBR

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

TE Part # 63590-5
SPEC,LEAF,300 SERIES,MAG-MATE

TE Part # 63711-2
TAB 187 MAG-MATE SLIM LN.

Also in the Series | **MAG-MATE 300**

Magnet Wire Terminals(78)

Customers Also Bought

TE Part #5747871-2
09 PLUG SP/FMS STD

TE Part #216001-005
55A0111-22-9

TE Part #640388-2
02P MTA156 HDR ASSY RN STR F/L

TE Part #63132-3
TAB, .250 FASTON,MAG-MATE

TE Part #282830-2
TERMI-BLOK PLUG 90&180 2P. 5

TE Part #1734577-1
MOD-JK,8P8C,SHD W/LED, G/Y,6U"

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



Documents

Product Drawings

MAG-MATE 30-27 187 F TAB TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_62512-1_Z.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_62512-1_Z.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_62512-1_Z.3d_stp.zip

English

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

Datasheets & Catalog Pages

Magnet Wire Terminals & Splices

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English