

62512-1 ✓ ACTIVE

MAG-MATE | MAG-MATE 300

TE Internal #: 62512-1

Tab, Mating Tab Width 4.75 mm [.187 in], Size 2, 28 – 25 AWG

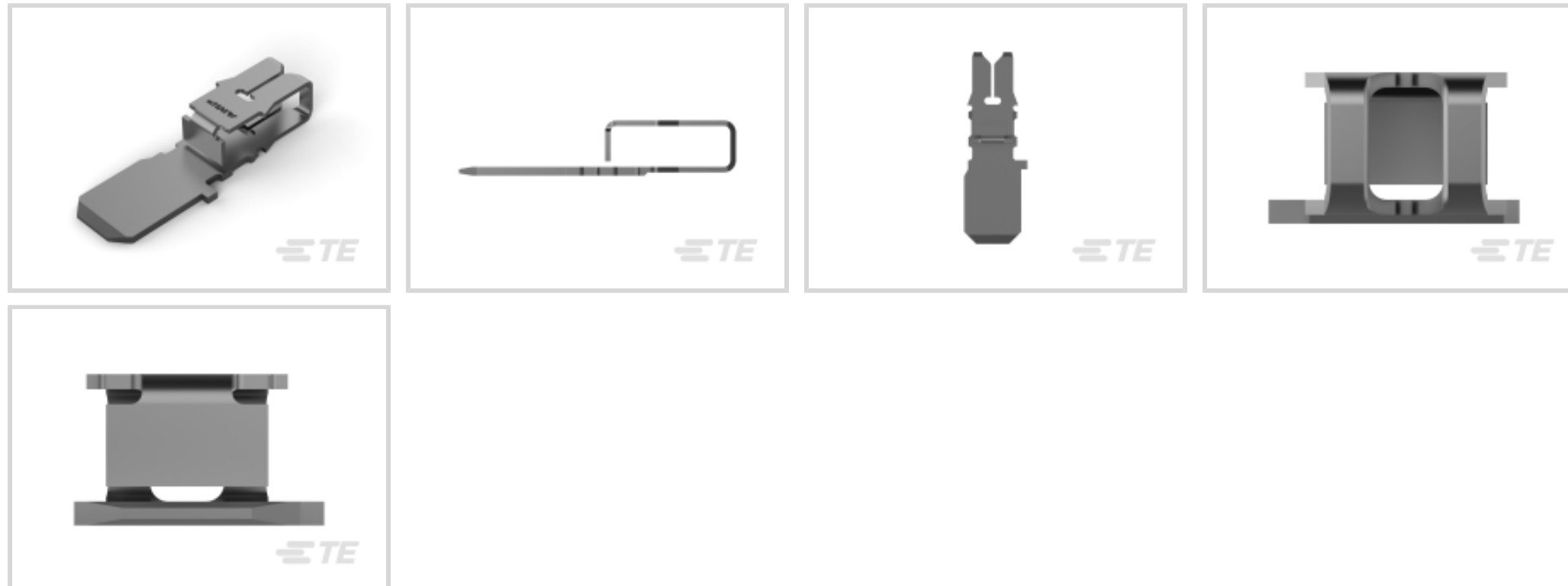
Aluminum Wire, .32 – .45 mm Aluminum Wire, MAG-MATE 300,

Magnet Wire Terminals

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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

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid
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Body Features

Compatible With Cavity Size	Size 2
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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

Termination Features

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

Mating Retention Type	Dimple
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Dimensions

Terminal Height	7.62 mm[.3 in]
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]

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	6
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Industry Standards

Compatible With Agency/Standards Products	RU (UL Component Program)
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Packaging Features

Packaging Quantity	11000
Packaging Method	Reel, Reel/Carton

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

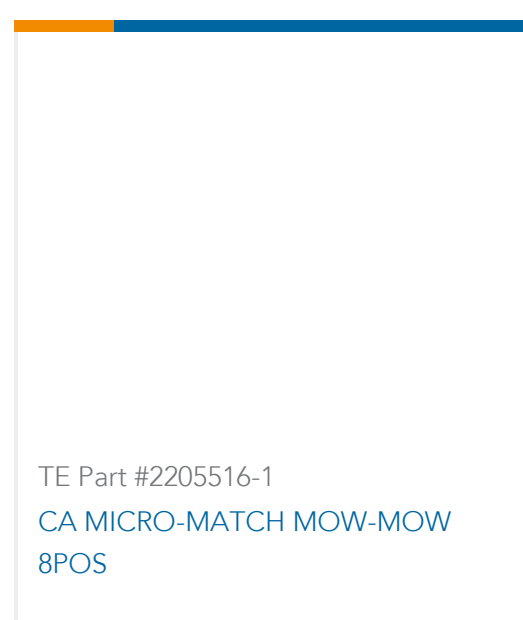
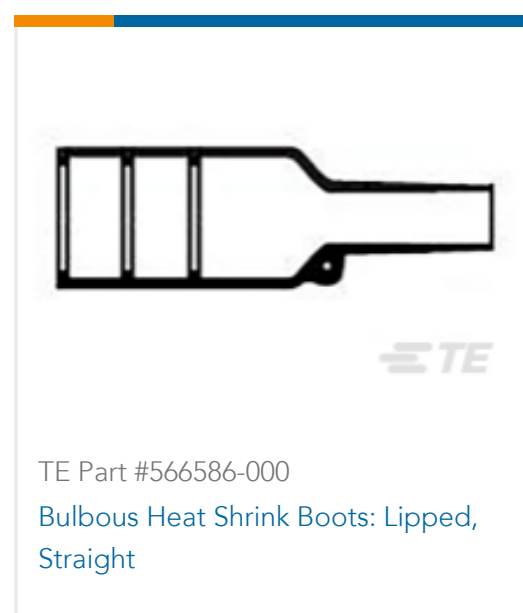
 <p>TE Part # 62888-2 MAG-MATE 187 TAB 020 TPBR</p>	 <p>TE Part # 63273-1 MAG-MATE 187 FAST TAB 020TPBR</p>	 <p>TE Part # 62514-1 MAG-MATE 27-23 187 F TAB TPBR</p>	 <p>TE Part # 1217302-1 SOLDER TAB .041 MAG-MATE</p>
 <p>TE Part # 62651-1 MAG-MATE 250FTAB 30-27 013TPBR</p>	 <p>TE Part # 62511-1 MAG-MATE 22-20 187 F TAB TPBR</p>	 <p>TE Part # 62514-2 MAG-MATE 27-23 187 F TAB TPBR</p>	 <p>TE Part # 63590-1 MAG-MATE LEAF CONTACT 0126TPBR</p>
 <p>TE Part # 63590-3 MAG-MATE LEAF CONT 0126 TPPHBZ</p>	 <p>TE Part # 63777-1 MAG-MATE 187 F TAB 30-27 TPBR</p>	 <p>TE Part # 1-62511-1 MAG-MATE 22-20 187 F TAB TPBR</p>	 <p>TE Part # 1742242-1 TAB,187 FASTON,LP,MAG-MATE</p>
 <p>TE Part # 62429-2 MAG-MATE TERM 27-30 013TPBR</p>	 <p>TE Part # 62511-2 MAG-MATE 22-20 187 F TAB TPBR</p>	 <p>TE Part # 63018-1 MAG-MATE W/187 FTAB 33-31 TPBR</p>	 <p>TE Part # 63255-1 MAG-MATE 187FAST TAB 0198TPBR</p>



Also in the Series | MAG-MATE 300



Customers Also Bought



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

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Product Specifications

[Application Specification](#)

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Agency Approvals

[UL Report](#)

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