

63585-1 ✓ ACTIVE

MAG-MATE

TE Internal #: 63585-1

Magnet Wire Terminals, Tab, Mating Tab Width .187 in [4.75 mm],

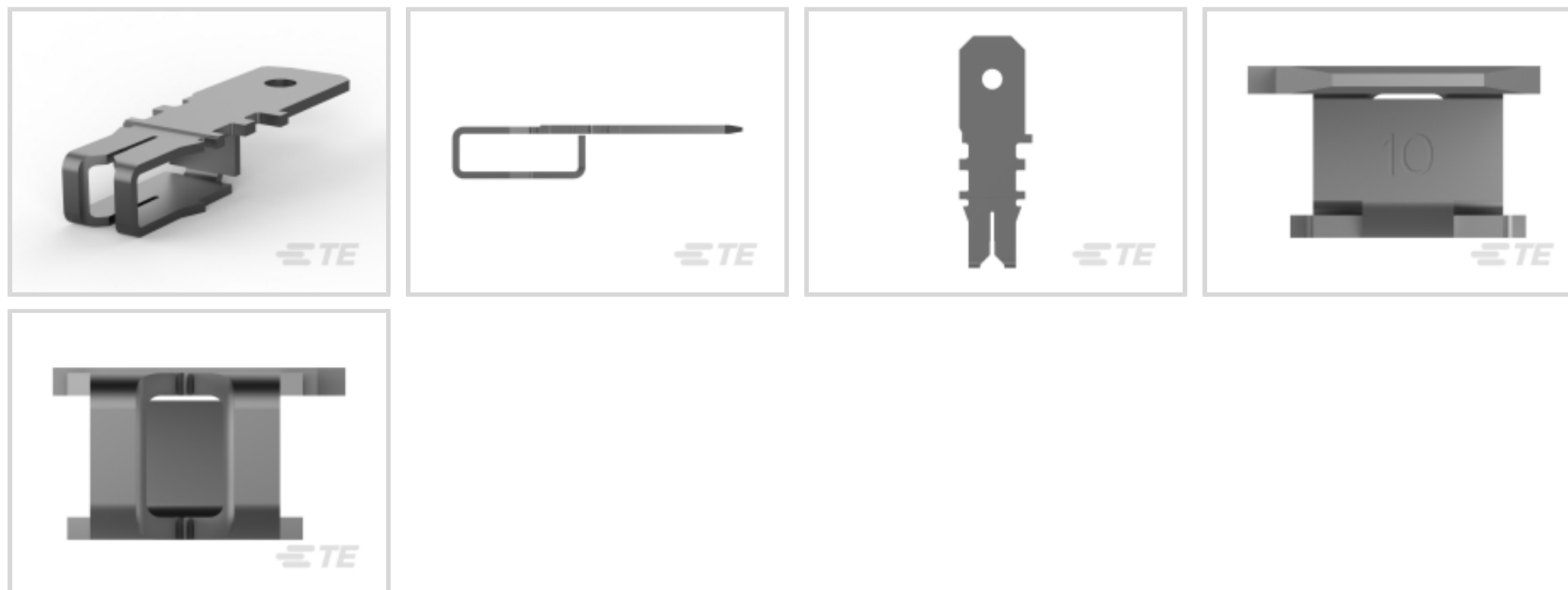
Size 2, 27 – 23 AWG Magnet Wire, .36 – .57 mm Magnet Wire,

MAG-MATE

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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**

Magnet Wire Size: **27 – 23 AWG**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid
Sealable	No

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



Contact Mating Retention Type	Hole
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Dimensions

Terminal Height	7.63 mm[.3 in]
Magnet Wire Size	.36 – .57 mm
Stock Thickness (Magnet Wire Side)	.41 mm[.016 in]
Overall Product Length	16.76 mm[.66 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	10
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Packaging Features

Packaging Quantity	12000
Packaging Method	Reel, Reel/Carton

Other

Comment	After insertion into plastic cavity, tab portion must be bent over 45°-90° or potted in to prevent pullout when mating receptacle is disconnected., Two magnet wires may be terminated in the same terminal slot if diameters are equal.
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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 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


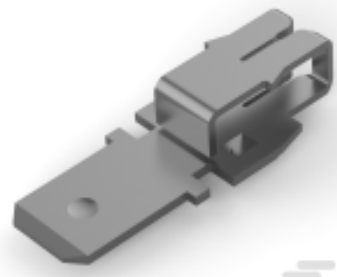

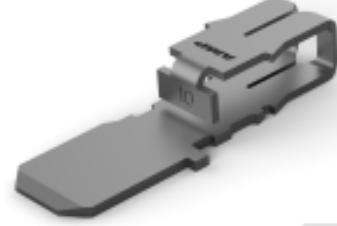
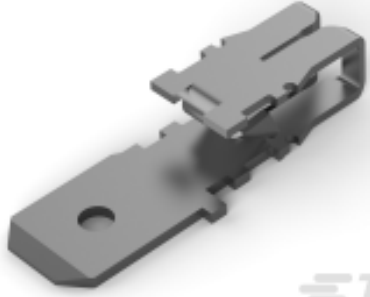

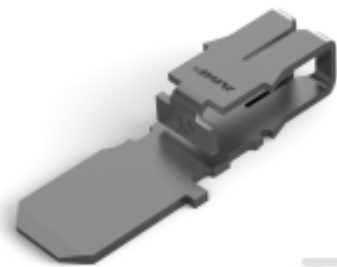

Solder Process Capability

Not applicable for solder process capability

Product Compliance Disclaimer

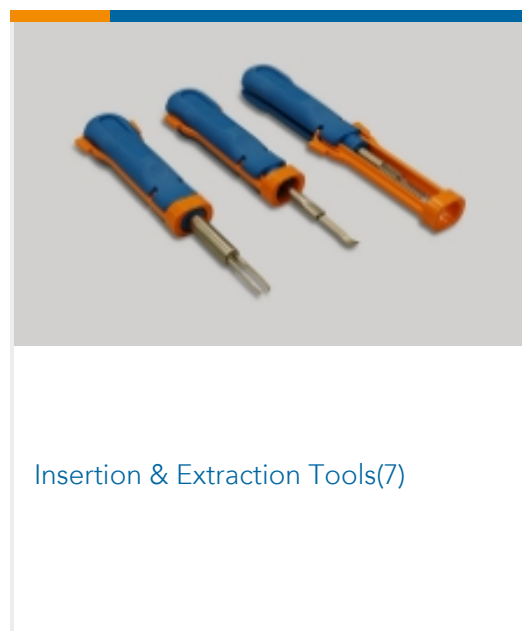
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 63664-2 MAG-MATE 27-23 187 FTAB TPBR</p>	 <p>TE Part # 6-316300-7 STD MAG-MATE POKE-IN WITH .187</p>	 <p>TE Part # 63256-2 MAG-MATE 187 FAST TAB</p>	 <p>TE Part # 63273-1 MAG-MATE 187 FAST TAB 020TPBR</p>
 <p>TE Part # 63063-2 TAB, MAG-MATE POKEIN 110F TPBR</p>	 <p>TE Part # 62514-1 MAG-MATE 27-23 187 F TAB TPBR</p>	 <p>TE Part # 316300-4 STD MAG-MATE .187 POKE-IN TAB</p>	 <p>TE Part # 63664-1 MAG-MATE 27-23 187 FTAB TPBR</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 # 63063-1 MAG-MATE POKE-IN 110F TAB TPBR</p>	 <p>TE Part # 63669-1 MAG-MATE 187 F-TAB TPBR</p>



Also in the Series | MAG-MATE



Documents

Product Drawings

[MAG-MATE 27-23 187 F TAB TPBR](#)

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_63585-1_H.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_63585-1_H.3d_igs.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_63585-1_H.3d_stp.zip](#)

English



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Datasheets & Catalog Pages

Magnet Wire Terminals & Splices

English

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English